A Complete Bibliography of Publications in *Ecological Modelling* (2020–2029)

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Title word cross-reference

1 [WSW23]. **$142.20** [Pas21]. 3 [CGVC21, PMP+21, PM22, VRRI+24]. **$84.99** [Mea20]. $_{10}$ [MBMV20, NSS+23, SBF+21]. $_{2}$ [AAR23, CCH20, GAMN+23, HKSM23, PG23, YLLL23, ZFT20, ZBH+22]. $_{4}$ [GAMN+23]. $_{mix}$ [XLS20]. a [LKP+20, WCSX22]. ϵ [WSW23]. I [RAB21]. k [WSW23]. r/K [MF20]. R_0 [WHE+24a, WHE+24b].

-D [PM22, WSW23].

0304 [SGTS23]. **0304-3800** [SGTS23]. **0304-3800/109690** [SGTS23].

1 [Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20g, Ano20f, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21g, Ano21f, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, MPL+20]. **109165** [CVTS20a]. **109198.** [SE20a]. **109265** [HES+23]. **109690** [SGTS23]. **15** [AGS+22, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20s, Ano20r,

Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano21m, Ano21n, Ano21o, Ano21p, Ano21q, Ano21s, Ano21r, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x].

2 [CSZY+20, Cor20, MLP+20]. **2.0** [KMH+21]. **2020** [Ano20a, Ano20m, Ano20b, Ano20n, Ano20c, Ano20o, Ano20d, Ano20p, Ano20e, Ano20q, Ano20g, Ano20s, Ano20f, Ano20r, Ano20h, Ano20t, Ano20i, Ano20u, Ano20j, Ano20v, Ano20k, Ano20w, Ano20l, Ano20x]. **2021** [Ano21a, Ano21m, Ano21b, Ano21n, Ano21c, Ano21o, Ano21d, Ano21p, Ano21e, Ano21q, Ano21g, Ano21s, Ano21f, Ano21r, Ano21h, Ano21t, Ano21i, Ano21u, Ano21j, Ano21v, Ano21k, Ano21w, Ano21l, Ano21x]. **2022** [Ano22a, Ano22b, Ano22c, Ano22p, Ano22q, Ano22s, Ano22r, Ano22t, Ano22u, Ano22v, Ano22w, Ano22x, PKB+23]. **2023** [Ano23a, Ano23b, Ano23c, Ano23p, Ano23q, Ano23s, Ano23r, Ano23t, Ano23u, Ano23v, Ano23w, Ano23x, RFHR24]. **2024** [Ano24a, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l]. **21st** [YCK20]. **239** [DMdR24].

3 [Mea20, NYH20, SNM+23, XLS20]. **3-PG** [NYH20, SNM+23, XLS20]. **359** [BS20]. **3800/109690** [SGTS23]. **3Worlds** [GDF22].

4 [Pas21]. **431** [CVTS20a, SE20a]. **435** [HES+23]. **443** [BdBG+21b]. **457** [AGS+22]. **458** [SGTS23]. **471** [KHH+24]. **489** [WHE+24a].

978 [Mea20, Pas21]. **978-0-7503-2430-4** [Pas21]. **978-3-030-24528-3** [Mea20].

ABACUS [ACZ+21]. **abalone** [DLZ+21]. **Abatus** [APGD+21]. **Abies** [SKW23, WYBX23]. **Ability** [EHS+20]. **abiotic** [DAB+20]. **above** [MK21]. **aboveground** [HLH+21, MMdP+21]. **absence** [CIL+20]. **absences** [FSY22]. **abstract** [SvV21]. **abundance** [CDJ+22, CPTD22, HLZ+22, KLNMG22, PSM22, SWF21, SDP23, WWP20, YCI20]. **Acadian** [SLLW21]. **Acari** [AFdSM23]. **accelerated** [ABH+20]. **acceleration** [KDC+21]. **accelerometers** [DBH+22]. **access** [PF23]. **acclimation** [TMNA20]. **according** [MOS21]. **Accounting** [JS22, BARF20, BDA+20, CAS+24, DS24, HGBK23, JJN22, MBFS21, NND+22]. **accretion** [BMAME+23]. **accumulated** [SSM24]. **accumulation** [BMAME+23, BRBT22, CJM+23, JMPB24, SLHB+23]. **Accuracy** [Pie23, ALJ+22, GWH20, MVAD20, WHdBB21, YCI20]. **accurately** [GSMD24]. **achieve** [VRW+21]. **acid** [BPL+20, WLQ+23]. **acidification** [RRCZ20]. **acoustic** [GSH+22, LDR+20, PDD+22]. **acquisition** [RRP+23]. **across** [ATP20, ASL+20, CKK+24c, EHS+20, EVT+21, GCS+21, LMW+23a, LPHO+20, MKS21, MF20, RFJ+22, RLS+24, YYS+22]. **action** [SRÁMH+20]. **active** [dRMJdS23, VMM+21]. **activity** [ABH+20, CDB+20]. **acuminata** [PCN+23]. **adapt** [CN20]. **Adaptability** [KHS+23].

adaptation [GHK23, MPA+24, RMK21]. **Adaptations** [Koo24b]. **Adapting** [CMGD+22, ERP21, OTR+21]. **Adaptive** [JST+22, AVP+23, ASKR24, SLC+23, SGPSzC22, SC24b]. **adding** [MVAD20]. **Addition** [KKF+23, SMM+22, ZMF+20]. **additive** [CIL+20, KWC24, MEPJ21, UGSG24, WSL+22]. **Addressing** [RAC+24, AAR23]. **adjacent** [CAFT22]. **adjusted** [ALJ+22]. **adjusting** [TBZ+22]. **ADM1** [PFM+21]. **Administrative** [BM22a]. **adsorption** [MTT22]. **adults** [AJJ24]. **advanced** [COJ23, KHS+23, LE23]. **Advancing** [KAT+22]. **advantage** [WZLC24]. **advection** [FMRMAS24]. **Aedes** [ABZ22, HLB+20, VMM+21]. **aerial** [DP20]. **aestivum** [GGS+22]. **affect** [CLPZ20, GMM+24, MJS24, PNGESS21, VSB22]. **affected** [LSS+21, PAPŁ+23]. **affecting** [LDXJ22, SOP22, YG21, ZYM+21]. **affects** [AHH22, Che22, GZW+20, SGCFB22, WZWF20]. **affordability** [ZHC23]. **Afforestation** [WXT+20, MTBB22]. **Africa** [COS23, LAK+23, MDB+20]. **African** [DDG+21, MTW+22, MD23, WMA21]. **africana** [DDG+21]. **after** [LZL22]. **Agadir** [RKN+21]. **against** [MKN23]. **age** [BMM22, DIS23, MMC+21, PSBE23, RRSG21, XFK21]. **age-0** [PSBE23]. **Agent** [BdBG+21a, CNNS+21, GGMR20, KLPJ24, MMMS23, NMC+20, PR21, AGS+21, AGS+22, ASKR24, BGK+20, BAM23, BTC+22, CXZ+23, CDNN+20, CSB22, CSMP21, DDG+21, DBN+22, EBMK20, HBC+22, JBF22, KE24, KS22, LTR+24, LE23, LL22, LZW20, MSLMM22, PBS21, STQ+22, SJA+22, TLL+23, VVH+20, WLY+23, WWF+23, ZMG+21, ZOJ+23, ZL24, BdBG+21b]. **agent-** [VVH+20]. **Agent-based** [BdBG+21a, CNNS+21, GGMR20, KLPJ24, MMMS23, NMC+20, PR21, AGS+21, AGS+22, ASKR24, BGK+20, BAM23, BTC+22, CXZ+23, CDNN+20, CSB22, CSMP21, DDG+21, DBN+22, EBMK20, HBC+22, KE24, KS22, LTR+24, LE23, LL22, LZW20, MSLMM22, PBS21, STQ+22, SJA+22, TLL+23, WWF+23, ZMG+21, ZOJ+23, ZL24, BdBG+21b]. **agents** [CDC+22]. **AgentSeal** [CNNS+21]. **ages** [Jia21]. **agglomerations** [MFZ23]. **aggregate** [JSD+22]. **Aggregating** [PDD+22, NPK+23]. **aggregation** [XLM+23]. **Agricultural** [Pas21, PHL20, RGD20, COJ23, DYMD22, JMPB24, MAD+20, MEGA21, MGdM+20, MTT22, NMV+23, NBMD21, SJA+22, TLC+22, TQM+24, TCS21, TSBE23, TK20b, USA21, VBH20, WGMR23, YG21, ZBW+24]. **agriculture** [LPA+21, MFPIBGES23, SD24, SLY+21, WrJP+22]. **agro** [KMH+21, PBF+23, TBCV22, TBZ+22]. **agro-ecosystem** [PBF+23, TBCV22]. **agro-food** [KMH+21]. **agro-pastoral** [TBZ+22]. **Agroecological** [KKP+21, MAD+20, OSPZ22]. **agroecosystem** [BMRF21, CJM+23]. **agroecosystems** [ZMK+22]. **agronomic** [BCMV20]. **AHP** [SD24]. **AHP-based** [SD24]. **aimed** [CM21, Yao21]. **air** [CZ21, FWK+20, LBB20, SBF+21]. **airborne** [Laz23]. **akashiwo** [SIOM24]. **al** [NBU+23, RFHR24]. **Alaska** [LMW+23b, WA20]. **alba** [SKW23]. **albacares** [DPC20]. **albopictus** [ABZ22, HLB+20, VMM+21]. **album** [GRAA22]. **Alces** [KAMS22]. **Aleppo** [BAZ22]. **Alewife** [NGA+20]. **algae**

[KNP+21, KBAC20]. **Algal** [XZZ+22, AWW24, BS21, CMKF22, CLH23, DVVH21, KDH+21, KSJ22, PTG+20, RFPRC23, ZGG22, ZWZ+20]. **algorithm** [Gat21]. **algorithmic** [dSMPA+22]. **algorithms** [CAK+24, SDH21, ZMF+20]. **alien** [SBS+20, SBS+21]. **Allee** [VBH20]. **alleviating** [MPA+24]. **allocation** [ABRG21, nCLpW+23, LBS20, NAM22]. **Allometric** [KKH+24]. **Allometry** [Abe20]. **Allosaurus** [KHR23, PR23]. **Alluvial** [WWF+23]. **along** [BMS+20, HK23, Lef23, LBGD21, LM21, NSS+23, OMP+23, PA20, SGTS21, SGTS23]. **Alosa** [NGA+20]. **alpine** [ALS+21, LGK+23, LGFT+20]. **alter** [PTD+23]. **altered** [CWY+24, GRCSA+20, KNP+21, LM21]. **alternative** [JvVvHH24, PTBFP+20, SD24]. **alternatives** [Koo20b]. **altissima** [dOPdMdS+21]. **altitudinal** [ZLL+23]. **altricial** [CC20]. **always** [GAC+21, Pér24]. **Amazon** [dOPdMdS+21, RFF+23]. **Amazonia** [JMC+22]. **Amazonian** [RRP+23]. **Ambient** [XWZ+22]. **Amblyseius** [TCG+20]. **America** [PMB+22]. **American** [ARSC22, BHC22, HBMR24]. **americanus** [BHC22]. **Ammospiza** [HBP+21]. **among** [ABM20, CKK+24a, LLZM20, Oku21, RBGB23]. **Amount** [MLV24, DL21]. **amplification** [CLHZ22]. **anadromous** [DSHB23]. **analogues** [PR21]. **analyses** [BGCJ21, HKG+24, MBG+22, SC21]. **analysing** [HHFB23, Jag20]. **Analysis** [AP22, BDP+23, CP20, RUTY23, USA21, WF24, AG22, AHO+20, AAC20, BPB+20, BCW+23, BBSHC22, BLSR+20, CWF+21, CGVC21, DPA21, DS24, ESCA22, EGAS23, ENARM+23, FEPR24, HRW+24, HEL+21, HLM+20, IA23, JGG23, JLLS23, KT22, KKF+23, KHS+23, KUK+21, LL22, LLZM20, LDZ21, LZL22, LHJ+24, LM23, LLW+21, MFZ23, MPC+22, MMRBLN20, MLV24, NGA+24, NDNN22, NPS+23, OFH+20, PK23, PMZ+21, PDW23, PFM+21, PHK23, PPSS22, QS23, RGB+23, SQDM21, SDSP+21, TGB+23, TK20a, TQM+24, TK20b, WWC+22, WSHZ24, WFW+24, WCF+22, Yao21, ZMK+22, ZWL+21, ZZWF21, dGZHCA24, vDC20, BTC+22]. **Analytical** [CLH23, JZHT23, Mas23, NND+22, UGSG24]. **Analyzing** [RBEC21, SGPSzC22]. **Angelica** [ZWL+21]. **Animal** [RLS+24, ABB23, Ano20-50, AARS23, BLB24b, BVR+20, BTC+22, CDNN+20, DBH+22, JGG23, JVGC21, KLA+20, KHH+22, KHH+24, KLNMG22, MSG23, MKS21, WMA21, dKS22]. **animal-borne** [DBH+22]. **Animal-vectored** [RLS+24]. **animals** [HI22]. **ANN** [LNK+21]. **Announcing** [Fat21]. **annual** [HH23, RLM23]. **answer** [CBSB23]. **antagonistic** [LBL22, YL22]. **Antarctic** [BMB21, GSM+20]. **anthesis** [KFM+23]. **Anthropocene** [SMP20]. **anthropogenic** [MFH+22, MAB23, SGRDA+24]. **antipatharian** [MTL+23]. **Antipathella** [MTL+23]. **APEX** [AJG22b, PR21, AJG22a]. **aphid** [BPW+21]. **aphids** [Hop23]. **Apis** [JSL+20, LBT+22]. **Apostle** [SOV21]. **App** [dSMPA+22]. **appearance** [PTF23]. **Application** [AG22, BGA+23, CMGD+22, CJM+23, DMG22, JB22, LCP+20, MDB+20, RWF22, RFCEL22, RFPRC23, SRB+20, YHC+21, YCI20, dMT23, AM22, ABR24, AACCIS20, BSPT23b, CH22,

CAH22, DBV+22, DP20, GSC+23, HLS+23, JZJ+20, KRM+22, MKR20, MEGA21, MFF+24, MPA+24, MKB+24, OKS+21, PG23, PTRP23, RJY+20, RRSG21, WYJ+22, ZZZD22, dVDC20, DYMD22, MTP+20]. **Applications** [MLD+23, BAR20, DGSM21, GRS+20, KCP+23, Laz23, MBMV20, PPSS22, RAC+24, YRK+20]. **applied** [BM22b, CAS+24, KABL21, NMGFOB21]. **apply** [CXZ+23]. **applying** [BVR+20, RAB21]. **Approach** [JZS+21, LB21, AZBdAI23, BdCCdSAdS23, BLB+20, CB20, CMS+21, DIS23, DPA21, DSC+21, DPC20, EON23, FCFCM24, FFM+23, FMRMAS24, GHbS21, GZK+20, HBP+21, HKB+20, ILLM20, KTB+23, KWG+22b, Kos22, LTR+24, LG20, LL22, LL21, LLB+23, Lov24, ŁJ21, LYM+23, dSMPA+22, MDP21, MTBB22, MVC+22, MSS24, MKB+24, NA22, NAM22, RK20, RBMRR20, RLdM20, SBS+21, SRÁMH+20, SLYL+20, SCB+20, SRTS20, SWF21, ST24, SWW+23, SKH+20, SZL+20, TPD+24, TSdOCV21, TSBE23, WST+23, WBD+22b, ZJEG24, dGZHCA24, dAWG23]. **approaches** [DTR+22, HPMB20, LBB20, RBEH21]. **approaching** [PDG+20]. **appropriate** [Mas23]. **Approximate** [BSR+23]. **approximation** [WSL+22]. **April** [Ano20a, Ano20m, Ano21a, Ano21m, Ano22a, Ano23a, Ano24a]. **APSIM** [CHR+23, EHS+20, HRW+24, OHH+21]. **APSIM-Potato** [OHH+21]. **APSIM-wheat** [HRW+24]. **Apulia** [GSC+23]. **AquaCrop** [PAdS+24]. **Aquaculture** [VLGG+20, FMH+20, GLA+20, HLS+23, HK23, LUV+23, LLC+24, WT20, YRK+20]. **aquatic** [ADR21, DK22, KE24, LYC+21, NKT+20, OKS+21, RBEH21, SKH+20, Yao21]. **aquatic-terrestrial** [OKS+21]. **aqueous** [MTT22]. **arable** [HSP+22]. **arboviral** [LDS+23]. **archipelagos** [RMV+24]. **architectures** [WrJP+22]. **archival** [HBMR24]. **Arctic** [DSHB23, JOE23, TLL+23]. **Arctodiaptomus** [TBP+23]. **Area** [DMdR24, WXT+20, XWX+24, AFdSM23, BBCD23, DHW+20, GJC+20, HKSM23, HH23, IA23, JS22, JHL23, LLW+21, MZLRSZ21, OBFH22, RPT21, SBF+21, SRK+20, ST24, VPV21, WWC+22, ZLZ+24, MTP+20, RGD20]. **areas** [AXMJ22, ALS+21, GCS+21, KT22, MRR+20, PAS+22, RBLS23, RFdL+24, RRFLV+22, SZPW23, VRW+21, ZBW+24]. **Argentina** [AZMD+22]. **Argentinean** [BAZ22]. **arguments** [AAM+22]. **arid** [FS22, GLK+22, LHJ+24, MPSS24, NWO21, PAdS+24, RSASP22, RS23, WXX+23, WFW+24]. **aridity** [HH23]. **arise** [CR24]. **arising** [AP22]. **armed** [Gat21]. **aromatic** [ZYZ22]. **arrangement** [CGB+23]. **arrangements** [PAdS+24]. **arrays** [PDD+22]. **Arrhenius** [MBMV20]. **Artemia** [KDC+21]. **Artemisia** [SZL+21]. **arthropod** [VMM+21]. **arthropods** [ZBW+24]. **article** [Fat21]. **artificial** [BSPT23a, BSPT23b, BLB+20, DLY+22, MS20, SNM+23]. **ascendency** [LZSQ20]. **Asia** [ZLLZ24, ZFC+23]. **asiaeorientalis** [DZC+23a, DZC+23b]. **Asian** [NO24]. **Assembling** [CdCAC+20]. **assembly** [QZSV21]. **assess** [CMS+21, FDSM20, JSL+20, LGFT+20, RRFLV+22]. **assessed** [BPL+20]. **Assessing** [BARF20, CHR+23, CLW23, GSA24, HHBF24, JPMA+23, LLB+23, LHJ+24,

OHH+21, PR22, RMV+24, SCB+20, TMFV22, TCS21, WA20, WWCT24, CC23, DBK20, DBDR22, JSD+22, LTR+24, MGK+23, MM21, ZOJ+23]. **Assessment** [BZZT22, GRCSA+20, ILLM20, AFG24, ACZ+21, BM22b, DIS23, EOÖ21, For24, FLG+23, GMM+24, KBSS23, LBI+20, LGK+23, LLW+21, LCMB21, MPC+22, MBFS21, MFH+22, MSS24, OZSU22, PBF+23, RSASP22, RBLS23, RS23, RFHR23, SLY+21, TBCV22, TWL+22, TKO+22, VPAV22, XWX+24, Yao21, ZHJQ23, ZYM+21]. **assessments** [CB20]. **assisted** [MKEH20]. **association** [LW23, PPSS22]. **associations** [KCS22]. **assumptions** [BHC22]. **asynchrony** [HSL+22]. **Athias** [TCG+20]. **Athias-Henriot** [TCG+20]. **Atlantic** [dSRDC+23, DTD+23, HK23, RKN+21, VRRI+24]. **Atlantis** [SHF24, BLSR+20, CBG+22, PKB+23, dGZHCA24]. **atmosphere** [BLB+20, BGC+24, KKP+21]. **attention** [PDW23]. **attentional** [vWVH20]. **attenuation** [SBWB24]. **audience** [CVTS20a, CVTS20b]. **augmentation** [RMA+24]. **augmented** [LAK20]. **August** [Ano20b, Ano20n, Ano21b, Ano21n, Ano22b, Ano23b]. **Aurelia** [YSFX23]. **aurita** [YSFX23]. **Australia** [CH22, FEPR24, YKZ+23]. **australis** [YXY+20]. **author** [CYP+20]. **autochthonous** [LDS+23]. **autocorrelated** [DMM+23]. **automata** [JB22, LZW20, SLC+20, ZHWZ23]. **Automatic** [LKP+20]. **automaton** [YXY+20]. **automobile** [IA23]. **Autoregressive** [DMG22]. **availability** [BLLL21, CLW23, JS22, KAB+23b, NWO21, VVH+20, WSN+21, ZHC23]. **Available** [RBVL+20]. **average** [PSG+22]. **averaged** [Che21, HMC20]. **avian** [WSN+21]. **Avicennia** [LK20]. **avifauna** [ADR21]. **avoid** [Koo24a, Uch23]. **avoidance** [CLH23, PF23].

B [DWH+21]. **backed** [vdMvDSL20]. **Background** [SC24a, RPT21, WSM24, XWZ+22]. **Bacteria** [BMBB24]. **bacterial** [ZL24]. **bacterium** [LPSF24]. **Baetidae** [KFJS20]. **baited** [KCHZ21]. **Baiyangdian** [ZYZ22]. **balance** [HCP+20, LGA20, RPARM20, ZFT20]. **balanced** [YL22]. **Balearic** [EWE20]. **ballistics** [PM22]. **Baltic** [BNN20, BNAR+21, SRK+20]. **bamboo** [ZCJ+20]. **banana** [CMSD+22]. **bandit** [Gat21]. **bank** [BGR20, LKO20]. **bar** [Tsy22]. **barbarum** [SWHZ22, WSHZ24]. **Barcelona** [MTP+20]. **Barents** [NHGP23]. **bargaining** [SACE+20]. **barnyardgrass** [MVC+22]. **Barrier** [ABR24, IA23]. **Barro** [FG21]. **Based** [LB21, Por21, ASHK22, AADHA+23, AAM+22, AGS+21, AGS+22, AWW24, ASKR24, AHO+20, APGD+21, AAC20, BdSG+23, BMB24, BDC+22, BPN+20, BGS+20, BGK+20, BSCH23, BdBG+21a, BAM23, BM21, BTC+22, CMHZ23, CXZ+23, CVTS20a, CVTS20b, CDB+20, CAK+24, CDNN+20, CNNS+21, CGVC21, CPTD22, CSB22, CSMP21, CLG20, DK22, DPA21, DSC+21, DDG+21, DBN+22, DAB+20, DWG22, DWH+21, ESCA22, EWE20, EBMK20, EV22, EL22, ENARM+23, GSA24, GGMR20, GRCSA+20, GSRB22, HBMR24, HLB+20, HKG+24, HBC+22, HEL+21, HGBK23, HCPG20, HFP20, HFP22, JvVvHH24, JHL23, KFM+23, KCP+23, KE24,

KS22, Koo24a, KWG+23, KTB+21, KLPJ24, KUK+21, LTR+24, LGFT+20, LE23, LL22, LZSQ20, LBI+20, LDZ21, LJP+22, LQH24, LZW20, LCW+21, Lov24, LLW+21, LYL+24, MFZ23, MSG21a, MSG23, MKS21, MDT+23, MRR+20, MLJ+23, Mea20, MSLMM22, MTZA23, MMMS23]. **based** [MPCG21, MM21, NWO21, NO23, NS20, NMC+20, NLMM23, OKS+21, PR21, PDW23, PFM+21, PAS23, PBS21, PDD+22, Pér24, PMP+21, PM22, RPG20, RFJ+22, RBMRR20, RFdL+24, RRFLV+22, STQ+22, SJA+22, SD24, SLY+21, SWHZ22, SZ20, SPV+21, TWL+22, TLL+23, TSUY23, TPD+24, TBM+24, VN23, VVH+20, VSS+22, WHE+24a, WHE+24b, WBW+20, WRC21, WGAH22, WZLC24, WYBX23, WBD+22a, WWF+23, WKL+21, WrJP+22, XLM+23, XHS+24, ZMG+21, ZMS20, ZOJ+23, ZYZ22, ZZWF21, ZPZ+22, ZHJQ23, ZZQ23, ZL24, BdBG+21b, RRSG21, ZYM+21, Mea20]. **baseline** [ABB23]. **BASGRA_N** [HCP+20]. **Basin** [CWY+24, TGRM23, nCLpW+23, RSASP22, SD24, XHS+24, ZGMFESD23, LUT+24, MP23, XHS+24]. **basis** [JZS+21, KLA+20]. **bass** [LBI+20, WBW+20, WBD+22a]. **bat** [PM22]. **bathypelagic** [CGRR+24]. **battle** [MKN23]. **Bay** [HLS+23, LUV+23, SZL+20, DHW+20, DEMJ24, FMH+20, HML+22, HSD+21, PHK23, dGZHCA24]. **Bayesian** [BSR+23, GZK+20, CB20, GML+20, HZ22, HEL+21, KDH+21, MKB+24, RMA+24, SDH21, TDI+20, VSS+22, WSL+22, WBD+22b, ZWL+21, ZS20]. **bayesian-network** [GZK+20]. **bays** [BRBT22]. **be** [FSY22]. **beachrock** [SGP+20]. **bear** [CLW23, GCS+21]. **bee** [BSR+23, CSCT23, HCL+22, LBT+22]. **beech** [LhNA+21, LhNA+22, SKW23]. **beet** [AAM+22]. **beetle** [SC23]. **BEFANA** [MPC+22]. **before** [LZL22]. **behavior** [DAB+20, EWE20, JB22, JZHT23, KCHZ21, KS22, LCP+20, LJP+22, PAPŁ+23, WFD23]. **behavioral** [CMFC23, DBH+22, FTH24, MBB20]. **behaviors** [CAH22, GSH+22]. **behaviour** [ASKR24, LHDBN20, dAWG23]. **behavioural** [HBMR24, JPMA+23, JRD+22]. **behaviours** [JVGC21]. **behind** [DPC20]. **Beibu** [ZHJQ23]. **Beijing** [LZF21, LW23]. **being** [GMS+23, HL23, YPS+21]. **below** [MK21]. **belowground** [BPN+20]. **Belt** [LMW+23a]. **beluga** [MCB+23]. **Benchmark** [FHP+22]. **Benchmarking** [UGSG24]. **benefits** [CTL22, SWL+23]. **Bengal** [SD24]. **Benthic** [WLLW20, BAAN24, SBS+21, SINS22, TRMB20]. **Benthic-pelagic** [WLLW20, SINS22]. **bentho** [NT23]. **bentho-pelagic** [NT23]. **Bering** [OCT+23]. **Bernard** [PVS+21]. **Bertalanffy** [LK24a]. **best** [BM22b, CSMP21, VPV21]. **better** [DAQ20, HKY24, JJN22, MJdORPG23]. **between** [ABZ22, AS22, AM21, BLB+24a, BAR20, BLB+20, BG22, CWY+24, CMKF22, CZ21, CLY+23, CMA23, DYMD22, DSC+21, GVG+23, GSM+20, KKP+21, LRA+20, LZL23, LK24b, LGA+21, MYACC22, MFPIBGES23, MPMT23, MGWG22, PPSS22, RUTY23, RP22, SLLW21, TLL+23, Vas20, WZHP21, YZZF22, YD20, ZMK+22, ZSS21, dKS22]. **Beyond** [MBMV20]. **BGC** [CAK+24, SNP+23]. **Bhutan** [CNSK21]. **bias** [AJJ24, RGD+22]. **biased** [AP22, BLP20, JMM+20]. **bibliographic** [DK22].

Bifurcation [SQDM21, NDNN22]. **bighorn** [DGSM21]. **Bilberry** [ML20]. **bimodal** [GDC24]. **bio** [ACFM22, TMFV22]. **bio-energetic** [TMFV22]. **bio-geochemical** [ACFM22]. **bioaccumulation** [GMM20, MLP+20, MPL+20]. **bioactive** [LBI+20]. **BioBaM** [KMH+21]. **BioBaM-GHG** [KMH+21]. **biochar** [SMM+22]. **bioclimatic** [ALJ+22, BRC+21]. **biocontrol** [ABC+22, CH22, JBF22, dAWG23]. **biodiverse** [WGMR23]. **biodiversity** [BRC+21, BSM23, CBW22, DSC+21, DWG22, DLT+22, GAM20, LG20, MPMT23, MPC+22, MAGR+22, MGdM+20, MBD+22, MPA+24, PBF+23, PNGESS21, TCS21]. **biodiversity-ecosystem** [MPC+22]. **Bioeconomic** [PHK23]. **bioenergetic** [LLB+23]. **bioenergetics** [DHW+20, HMVR21, HML+22, MFF+24]. **bioenergy** [ESCA22, LG20, MEGA21]. **bioenergy-driven** [LG20]. **Biogeochemical** [SMP20, BPL+20, DMdR24, ESZ+23, GGE+23, NBML21, SGTS21, SGTS23, Tsy22]. **biogeography** [ERP21]. **Biological** [BMRF21, BPW+21, CC23, CXZ+23, FMH+20, KCP+23, LRA+20, MBR+23, MBMV20, SvV21, SE21, TCG+20, XLS20, XGT+24]. **biomass** [ABRG21, AG22, AKY+22, ACZ+21, CJM+23, DBV+22, DS24, ERP21, GSR+23, HLH+21, KHH+22, KHH+24, KLPJ24, LYC+21, LCLG20, LUT+24, MMdP+21, MBS22, NK23, RWF22, SRB+20, WHL+23, ZZŠ+22]. **biome** [DDDC21, SNP+23]. **biome-BGC** [SNP+23]. **biophysical** [GML+20, HZ22, MTW+22, RMV+24, TK20b]. **biophysics** [RFHR23]. **biorefinery** [CAS+24]. **bioremediation** [GLA+20]. **biosphere** [FMSR20]. **biotic** [BLA+24, DAB+20, GSJC22, OMP+23]. **biovolume** [DAQ20]. **biphasic** [CMG20]. **bird** [ASL+20, CPTD22, WWCT24]. **birds** [CC20, GAC+21]. **birth** [NTHC23]. **Biscay** [DHW+20, dGZHCA24]. **bivalve** [FMH+20, HMGK20, TMFV22]. **bivalves** [CMGD+22]. **bivalvia** [RMV+24]. **black** [LK20, vdMvDSL20]. **black-backed** [vdMvDSL20]. **blackspot** [DTD+23]. **blessing** [CBSB23]. **blight** [HEL+21]. **bloom** [AWW24, BS21, CR24, HMC20, KSJ22, PTG+20, SINS22, XZZ+22]. **blooms** [CMKF22, CLH23, DVVH21, ELS23, JvVvHH24, LWZL23, RFCEL22, RFPRC23, ZGG22, ZWZ+20]. **Blue** [TGRM23, CMFC23]. **boar** [KT22, LP22, RRFLV+22]. **Board** [Ano20y, Ano20z, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano21y, Ano21z, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano24b, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g]. **bobwhite** [STW+23]. **Bogota** [RBEC21]. **Bohai** [GSJ+20, YD20]. **bollworm** [WXH+22]. **boosted** [DBN+22, YCI20]. **border** [JHL23]. **boreal**

[BWT+24, HLH+21, LPS+21, LMW+23b, ML20, MLV24, RPB+23]. **borer** [BMRF21, MBR+23]. **borer-parasitoid** [BMRF21]. **borne** [AV22, DBH+22, WGK+21]. **both** [CBSB23, WGMR23]. **botrana** [AZMD+22, AZAD+23, CdCAC+20, PSM22]. **bottom** [vdHNH+20]. **BOUKHALEF** [JB22]. **boundaries** [BMB24, ZYK22]. **boundary** [BM22a, SvV21]. **bounds** [LKO20]. **box** [LGG+22, PGB+20, SBR20]. **box-model** [PGB+20]. **boxes** [VJK+23]. **boxwood** [LGG+22]. **branch** [KLS20]. **branchiopods** [Koo24b]. **Bray** [RP22]. **Brazil** [dSBDH23, GSA24, MRR+20, OBFH22, dMT23, dPGDdFS24]. **Brazilian** [BdCCdSAdS23, MMdP+21, dRMJdS23]. **breeding** [CPTD22, GAC+21, RM20]. **Brian** [Des21]. **Bridging** [BMS+20, CSBS21, RP22, ZJEG24]. **broad** [ASL+20, CVTS20a, CVTS20b, TLL+23]. **broad-scale** [TLL+23]. **broadleaved** [WLT+23]. **broadleaved-Korean** [WLT+23]. **brood** [CMFC23]. **brood-dependent** [CMFC23]. **brown** [LG20, NDNN22, RWF22]. **browsing** [BLB+24a]. **Brucella** [LGFT+20]. **Bt** [WXH+22, dAWG23]. **budburst** [PGdAM+20]. **Budget** [FCP+20, GLA+20, LFN+20, VLGG+20, vdMvDSL20, CDB+20, DLZ+21, HMGK20, JMHH22, KD20, Koo20b, LAK20, MKS21, Mat23, RPG20, RJY+20, RRCZ20, VVH+20, YRK+20, DPC20]. **budget-based** [VVH+20]. **budget-individual** [CDB+20]. **budgets** [PDG+20]. **budworm** [SCG+23, STRC24, cNKF24]. **Building** [GZW+20, JLH+21, BTC+22]. **built** [AIA+23]. **Bulgaria** [SGRDA+24]. **Bumble** [CSCT23, BSR+23]. **bumblebees** [CDNN+20]. **Bunda** [MDP21]. **buoyancy** [ABR24]. **buoyancy-driven** [ABR24]. **burned** [HH23]. **Burning** [LMW+23b]. **bycatch** [Ino22]. **BZI** [SDP21].

C3 [Mas23]. **cactus** [PAdS+24]. **cadmium** [GMM20]. **cage** [ABC+22]. **Calanoida** [TBP+23]. **Calanus** [BVM+21]. **calculation** [RBMRR20]. **calculations** [AAM+22]. **Calgary** [MMMS23]. **calibrate** [FFM+23]. **Calibration** [BSR+23, PFM+21, PAdS+24, FHP+22, HEL+21, JS22, LKP+20, LPHO+20, MPL+20, OFH+20, SNM+23, SDH21, VSS+22]. **Callinectes** [CMFC23]. **Cambodia** [TKO+22]. **camera** [HI22]. **CaMP** [BWT+24, BST+20]. **Camptotheca** [PCN+23]. **CAMPUS** [FSZ+20, FZS+20]. **CAMPUS-S** [FSZ+20, FZS+20]. **Can** [BLB+24a, GSM+20, vOVvdW23, CLHZ22, GMM+24, KN20, KHH+22, KHH+24, LGG+22, Lef23, ŁKPK22, MVAD20]. **Canada** [BWT+24, DMdR24, MPPM23, MTBB22, RPB+23, SCG+23]. **Canadian** [BST+20, BWT+24]. **Canis** [HKG+24]. **canopies** [PNGESS21, PMP+21, ZOJ+23]. **canopy** [CWW+23, CGVC21, HKY24, HKSM23, KBAC20, LWL24, MK21, MLJ+23]. **canyons** [GZW+20]. **capabilities** [GLH24]. **capacity** [HP20, MPSS24, PGB+20, TWL+22, YD20, ZHJQ23]. **Cape** [MDB+20, HBP+21]. **capita** [SGA22]. **capital**

[BARF20, BDA+20, GPN+23, TBCV22]. **capture** [DMM+23, GZW+20]. **capture-recapture** [DMM+23]. **capturing** [YYS+22]. **Carapa** [dOPdMdS+21]. **Carbon** [GZW+20, RMO22, ACFM22, AKY+22, BKTM20, BMAME+23, BST+20, BWT+24, BLB+20, BGC+24, CM21, CMHZ23, CLW+24, CSB22, CLG20, DIS23, DBV+22, EL22, EON23, FEPR24, FSZ+20, FZS+20, HLM+20, JLV+21, JMPB24, JMC+22, KKP+21, KAB+23b, KKPR20, LMW+23a, LSS+21, MLD+23, MTBB22, MLV24, MSG+21b, NKT+20, PZH+21, PGSL+20, RRP+23, RFF+23, SPPC21, SNP+23, WF24, WZLC24, WYBX23, XLS20, XLM+23, YA24, YJC+24, ZFT20]. **carbon-neutral** [EON23]. **carbon-nitrogen-water** [PGSL+20]. **carbonyl** [CWW+23]. **carcass** [PM22]. **careful** [BM22a]. **Caretta** [CRZ+23, MZLRSZ21]. **caribou** [SDD+20]. **Carlo** [PM22, SDH21]. **carnivore** [GCB+22, PBS21]. **Carnosaurs** [PR21]. **carps** [LWE+22]. **carrying** [GJC+20, HP20, MPSS24, PGB+20, TWL+22, YD20, ZHJQ23]. **cascade** [DYW+22, WLZ+23a]. **cascades** [BDC+22, BNN20]. **Case** [OBFH22, SPPC21, ZLML20, AFdSM23, AIA+23, BCW+23, BH21, BGK+20, BG22, BARF20, CL21, ETAAH21, GRGHM21, GSJ+20, HNC+21, JLLS23, LZSQ20, LDZ21, LZL23, LDX+23, LZL22, LPA+21, LYL+24, LCMB21, MS20, Men22, MVC+22, OHH+21, OCT+23, PHK23, PSM22, PTNR+20, RFJ+22, RKN+21, RGD20, RAB21, SLC+23, ST24, SWP+23, SZL+20, TLH+20, VMM+21, WBD+22b, XWZ+22, XHS+24, XMWL23, YKZ+23, ZMK+22, ZWL+21, ZHJQ23, ZZQ23, PMP+21]. **Catalonia** [LDS+23]. **Catastrophic** [Uch23]. **catch** [Lov24, LCMB21]. **catch-and-release** [Lov24]. **catch-at-length** [LCMB21]. **catchment** [BPL+20, COS23, ZMK+22]. **cattle** [CPAT20]. **causal** [AIA+23]. **caused** [YB22]. **causes** [NGA+20, RM20]. **causing** [EBMK20]. **Cautions** [ZFP21]. **Cautious** [MOS21]. **cavities** [VJK+23]. **CCG** [XLM+23]. **CCG-MRIO** [XLM+23]. **Cd** [MTT22]. **cedar** [HKSM23]. **cell** [OSH+21]. **cellular** [JB22, LZW20, SLC+20, YXY+20, ZHWZ23]. **CEmCA** [MMMS23]. **Central** [RSC+21, RSC+23, BAAN24, CNNS+21, LZF21, MLL20, ZLLZ24, CCH20, DSC+21, Pre22, ZFT20, ZFC+23]. **central-place** [CNNS+21]. **centric** [XLM+23]. **centroid** [BM22a, MYACC22]. **century** [YCK20]. **cepedianum** [PSBE23]. **CERES** [PTF23]. **certain** [LKO20]. **CH** [GAMN+23]. **Chagas** [EBMK20]. **chain** [LM23]. **chalcographus** [OFH+20]. **Challenges** [AGS+21, AGS+22, HL23, LSG21]. **Change** [HHI+22, BOLC+22, BNAR+21, COJ23, CDN+23, COS23, COPM23, CNSK21, CMS+21, EBS23, FS22, HLH+21, JLLS23, KWC24, LBGD21, LSS+21, MTBB22, MLV24, MBD+22, MLP+20, MPL+20, MPA+24, MSS24, NGA+20, NYH20, PK23, PTD+23, PR22, RSASP22, RSC+23, RBVL+20, SLC+23, SMD+20, SWP+23, SSB22, SGRDA+24, SMV+20, TKO+22, WMA21, WLT+23, XLS20, YCK20, YLLL23, YPS+21, ZLLZ24, ZXK+24, ZHWZ23]. **Changes** [AACCIS20, BS21, MSG+21b, NYH20, BdCCdSAdS23, dSBDH23, CGRR+24, CL21, CPTD22, EL22, EON23, FAC22, HKSM23, LHJ+24, LLW+21, MMdP+21, NK23, PAS23, QS23, SBS+20, WWC+22, WSFZ21,

YZZF22, YB22, YPS+21, ZFT20]. **Changing** [LDS+23, APGD+21, BHC22, CN20, HSF+20, HCX+21, KWG+22b, MCB+23, OBFH22, TGRM23, TMNA20, TCS21, WSN+21]. **Channel** [DHW+20]. **channelized** [LEC+23]. **Chaos** [GZ23]. **Chaotic** [CR24, BMRF21]. **CHAPY** [OFH+20]. **char** [DSHB23]. **character** [CMA23]. **characteristics** [AAC20, LZF21, MFZ23, MBS22, SGH+23]. **Characterization** [HCW+22]. **characterizations** [HMDO20]. **characterize** [OTR+21]. **Characterizing** [dAdSCA20]. **Chattonella** [SIOM24]. **cheating** [LL22]. **Chelonia** [SMV+20]. **chemicals** [LBI+20]. **Chenopodium** [GRAA22]. **chensiensis** [WYBX23]. **Chernobyl** [VSK+20]. **Chesapeake** [DEMJ24, HSD+21, PHK23]. **chicken** [FC21]. **chicks** [vdMvDSL20]. **Chile** [BAAN24]. **chimpanzees** [CDC+22]. **China** [BCW+23, CWY+24, COJ23, CDN+23, CL21, CMHZ23, GJC+20, GSJ+20, HLH+21, HLS+23, JLLS23, KHS+23, LZSQ20, LZL23, LPHO+20, LZF21, LZL22, LGL+24, LYL+24, LW23, MFZ23, PZH+21, QS23, WHW+23, SWP+23, SZL+21, SRB+20, SZL+20, SML+20, TBZ+22, TLH+20, TGL+22, WWC+22, WXH+22, WLZ+23a, WYBX23, WLZ+23b, WLT+23, XLS20, XWZ+22, XWX+24, YLLL23, YD20, ZSS21, ZZW+22, ZBH+22, ZBW+24, ZLML20, ZXK+24]. **chinensis** [LGL+24, YRK+20]. **Chinese** [CZ21, ZLLZ24]. **Chinook** [BLLL21, HP20, MBB20, WDW+22]. **chlorophyll** [LKP+20, WCSX22, YYS+22]. **Choice** [AHH22, CSMP21, KTB+23, PMB+22]. **Chondrichthyes** [RSC+21]. **Chongqing** [JLLS23]. **chromosome** [BPB+20]. **Chronic** [HCW+22, BGK+20, KS22, TBM+24]. **circles** [ZHC23]. **circuit** [XHS+24]. **circulation** [KiAM+20]. **CiteSpace** [ZZWF21]. **cities** [LZF21, MKR20, NSS+23, YD20]. **citizen** [EMH+22, JMM+20, KAMS22, KRM+22, LJRM+20, SLB+23, VMH+21]. **City** [SBF+21, EON23, RPARM20, XLM+23, ZZQ23]. **city-centric** [XLM+23]. **Cladophora** [KBAC20, KAT+22]. **Clair** [KWM+24, MSL+21]. **clarify** [ZHC23]. **class** [BSCH23]. **classification** [Lia23, PSG+22, WrJP+22]. **classified** [dVDC20]. **Clay** [KFJS20, MTT22]. **cleaner** [JMHH22, LBN+22]. **Climate** [HHI+22, PTD+23, AHH22, AMP+23, BOLC+22, BS20, BNAR+21, CWY+24, COJ23, CDN+23, CNSK21, CMS+21, CN20, Dav22, DMG22, ELS23, EBS23, FS22, HMC20, HLH+21, JST+22, KNP+21, LK20, LBGD21, MMdP+21, MTBB22, MLV24, MBD+22, MPA+24, MSS24, NHGP23, NYH20, OBFH22, PK23, QS23, RSASP22, RSC+23, RBVL+20, SLC+23, SMD+20, SSB22, SGRDA+24, SMV+20, TGRM23, TCS21, TKO+22, WHL+23, WSHZ24, WKL+21, WLT+23, XLS20, YCK20, YLLL23, ZZŠ+22, ZRMW+20, ZXK+24]. **climate-driven** [NHGP23]. **climates** [BPW+21, Hop23, JS22]. **Climatic** [DMdR24, CLW23, CAK+23, CAK+24, LHJ+24, TGL+22]. **climatological** [CDN+23]. **clone** [AXMJ22]. **closure** [OHR+23]. **CLUE** [COS23, KMP+23]. **CLUE-S** [KMP+23, COS23]. **clues** [BMBB24]. **CMEMS** [ACZ+21]. **CMIP5** [ZFT20]. **CNN** [ZHWZ23]. **CNN-LSTM** [ZHWZ23]. **co** [DAG+21,

Kos22, MJS24, GAMN+23, HKSM23, KKPR20, PG23, YLLL23, ZFT20]. **co-existing** [Kos22]. **co-harvest** [DAG+21]. **co-invaders** [MJS24]. **coast** [BWS+20, HMVR21, HK23, RKN+21]. **coastal** [BRBT22, CMGD+22, KPLH24, LLB+23, MKEH20, NSS+23, OTR+21, OBFH22, PZH+21, SBF+21, SRK+20, TWL+22, Vas23, WCSX22]. **coasts** [OTR+21]. **cod** [JOE23]. **code** [MTT22]. **coefficient** [MBMV20, RFdL+24]. **Coefficients** [PPSS22]. **Coexistence** [SE22, AM21, CKC20, LGG+22, Pér24, YL22]. **coextinction** [BANG20]. **coffee** [CGB+23, KTB+21]. **cognitive** [GLH24]. **cohort** [KK20]. **cohorts** [GSMD24]. **colchicus** [KLPJ24]. **cold** [GSR+23, PA20]. **Coleoptera** [AJJ24]. **collaborative** [BJKT21]. **collapses** [SLC+23]. **Collective** [AZBdAI23, WLY+23]. **collision** [BLB24b]. **Cololabis** [KiAM+20]. **Colombia** [RBEC21]. **colonization** [SKH+20]. **colony** [HCL+22]. **color** [CBG+22]. **Colorado** [FG21]. **Columbia** [MBB20]. **column** [Lef23, VRRI+24]. **combination** [HPMB20]. **combinatorial** [HBC+22]. **Combined** [SM22a, WKL+21, Dav22, LBGD21, LZL22, LYM+23, TKO+22]. **Combining** [BBCD23, BVR+20, CDNN+20, ZMS20, BOLC+22, WWP20]. **commensal** [JBF22]. **Comment** [CYP+20]. **Comments** [CCJK+20]. **commercial** [VRRI+24, WBW+20]. **commercialization** [MLD+23]. **common** [CDB+20, MHP+23, MLP+20, MPL+20, YXY+20]. **commons** [AZBdAI23]. **communities** [CDJ+22, CSMP21, JRD+22, KCS22, PBF+23, YL22]. **community** [AADHA+23, CWF+21, Che22, CSB22, For20, LDZ21, LSL21, MGHT20, MPCG21, MPA+24, SOV21, SDSP+21, VSB22, WCF+22, Wu24, YXH20, YEL+21, ZMS20, LL22]. **compactness** [WST+23, ZYK22]. **COMPADRE** [TK20a]. **Comparative** [EOÖ21, MFZ23, TCG+20, Koo20a, Koo24b, KBSS23, TQM+24, ZMK+22]. **compare** [BAAN24, CAB+21]. **Comparing** [ALK20, CKC+24, SRTS20, WHL+23, WSL+22, WT20, GAM20]. **Comparison** [CMHZ23, GLK+22, PCN+23, ZMF+20, LZL22, PTF23, RSWS23, SDH21, TSdOCV21, WGAH22]. **compartment** [KWG+22a]. **compatibility** [AVP+23]. **compensation** [BANG20]. **Competing** [PBH22]. **Competition** [BdSG+23, CMA23, AM21, BLB+24a, BPN+20, NMGFOB21, Pre22, RPG20, RMK21, WSN+21, YB22]. **Competitive** [GSRB22, MYH+20]. **complex** [AGS+21, AGS+22, AIA+23, BP21, BNN20, BLSR+20, CGVC21, EHS+20, KCS22, Kle23, NK23, RBMRR20, SGPSzC22, SLLW21, SBR20, TK20b, XHS+24]. **complexity** [BA20, ESZ+23, GPN+23, SBS+21, SC24a, VRS20, WLWL23, WTT+21]. **complexity-stability** [WLWL23]. **components** [SGA22]. **Composing** [Kle23]. **composition** [HES+20, HES+23, HLH+21, SHT21, WLT+23]. **compost** [SSJC23]. **compost-derived** [SSJC23]. **Comprehensive** [CLY+23, CMHZ23, KAB23a]. **Computation** [BSR+23]. **Computational** [Laz23, CMS+21, ESZ+23, MDP21, GCSlR22]. **Computer** [MTT22, CGVC21]. **computing** [DRZ+24, GSJC22]. **concentration**

[BH20, KDC+21]. **concentrations** [EOÖ21]. **concentric** [ZHC23]. **concept** [BWCD23, BRBT22, DP20, Gon23, SBM+22, ZHC23]. **Conceptual** [AAR23, AMK21, BA20, CSBS21, GSMD24]. **conceptualization** [PGP+22]. **Concerns** [RFHR23]. **concinna** [GSM+20]. **conclusions** [ML20]. **concolor** [CB20]. **concurrently** [WXH+22]. **condition** [CGB+23, LHJ+24]. **conditional** [RFPRC23]. **conditions** [AZMD+22, AS22, APGD+21, GGMR20, KCHZ21, LDXJ22, LUT+24, MLP+20, MPL+20, PYD+21a, PYD+21b, SE21, SE22, SBWB24, TGL+22, WSHZ24, WBD+22b]. **conductance** [Mas23]. **Conducting** [LGA20]. **Confidence** [SBFBDM24, BLSR+20, LK24b]. **configuration** [LZL23, MYACC22, OHH+21, dMT23]. **configurations** [CHR+23, MSLM+24, RWF22]. **conflict** [KT22]. **confluence** [CFL+22, DZC+23a, DZC+23b]. **congeners** [Kos22]. **conifer** [CLW+24]. **connections** [Jor22]. **Connectivity** [DLT+22, AGP20, JHKT+23, LTR+24, MP23, MS23, RMV+24, SZPW23, SWW+23, SKH+20, TA20]. **Consequences** [AVRC+20, JvVvHH24, Pre22]. **conservation** [AADHA+23, BMS+20, BWCD23, CXZ+23, CAH22, DSC+21, DWG22, AAAR23, GHbS21, HMGK20, HPMB20, LRA+20, MS23, MGdM+20, RBLS23, RSC+23, RBEC21, RAC+24, SACE+20, TCS21, VBH20, WGMR23, WWCT24, ZYK22]. **Conserving** [XCH+21]. **consider** [MPL+20]. **considerations** [DMPLHGL20, WST+23]. **Considering** [OTR+21, BANG20, DYMD22, LZD+24, NKT+20, dAWG23]. **Consistence** [YZZF22]. **consistency** [SBFBDM24]. **consistent** [Gri20, LPHO+20]. **consolidated** [ST24]. **conspecific** [WZHP21]. **constrained** [CIL+20]. **constraints** [CDJ+22, MVAD20, YEL+21]. **Construction** [XHS+24, ZHJQ23, CCJK+20, SBMF23, WLZ+23a]. **consumer** [CKC20, CBSB23, WLWL23]. **consumer-resource** [CBSB23]. **consumption** [CZ21, EL22, HBC+22, HWS+23, YZZF22]. **contact** [TLL+23]. **Contagion** [LCM24]. **contamination** [LLW+21, MLP+20]. **contemporary** [PTD+23]. **content** [BPK+20, MGK+23, SPV+20]. **Context** [FEPR24, DGSM21, HHBF24, MLP+20, MPL+20, PGB+20, RPG20, VVH+20, VSK+20, YZZF22]. **context-dependent** [DGSM21]. **contexts** [KCS22, MVC+22]. **contiguity** [WST+23]. **continent** [WWF+23]. **continental** [RFCEL22]. **continuous** [MKB+24]. **continuum** [MT23, MF20]. **Contrasting** [JJN22, AADHA+23, EHS+20]. **contribute** [VPV21]. **contributing** [PYD+21a, PYD+21b]. **Contribution** [DHW+20, AGP20, FSZ+20, FZS+20, LHJ+24, MYH+20, SGA22, TLC+22, WLZ+23b]. **contributions** [vDC20]. **control** [BPW+21, BPB+20, BMRF21, BCMV20, CAB+21, Fer23, HZ22, HLB+20, JvVvHH24, KSJ22, LRA+20, MBR+23, MD23, RBMRR20, SE21, SRK+20, TCG+20, WLQ+23, XGT+24]. **control-based** [RBMRR20]. **controlling** [BLB+20]. **Controls** [MBS22, KDH+21, MBB20]. **conventional** [AAM+22, KBSS23, MAD+20, TSdOCV21]. **convergence** [LMNV20]. **Converging** [LBB20]. **conversion** [dMFOM+20]. **converting** [ZA20].

Convolutional [JVGC21, PSG+22]. **cool** [TDI+20]. **cool-temperate** [TDI+20]. **cooperation** [Gat21]. **cooperative** [GAC+21, RBGB23]. **coops** [FC21]. **coordinated** [LYM+23]. **coordination** [YD20, YJC+24, ZSS21]. **copepod** [CSB22, KD20]. **Copepoda** [TBP+23]. **copper** [GRAA22]. **copper-induced** [GRAA22]. **coral** [CN20, GGMR20]. **cordatus** [APGD+21]. **Cordyceps** [CNSK21]. **core** [ALS+21, TLH+20]. **Coro** [CYP+20]. **Coronavirus** [Gat20, CYP+20, Cor20]. **Correcting** [BSCH23, RGD+22]. **corrections** [HGBK23]. **correlated** [AP22, PDD+22]. **correlation** [WZHP21]. **correlative** [HFSL+24, SACEU+21, TSdOCV21]. **corridors** [LHH+24]. **Corrigendum** [AJG22b, AGS+22, BdBG+21b, BS20, CVTS20a, DZC+23a, HES+23, IBB+22, KHH+24, LhNA+22, PYD+21a, SE20a, SGTS23, WHE+24a]. **corroborate** [FFM+23]. **coryi** [CB20]. **cost** [CZ21, HCPG20, Lef23]. **cost-effectiveness** [HCPG20]. **Costa** [AHO+20]. **Costing** [HPMB20]. **costs** [MJ24, NND+22, RRP+23]. **cotton** [GAMN+23, WXH+22]. **cotton-wheat** [GAMN+23]. **count** [RCSS20]. **countries** [LMW+23a]. **counts** [AP22, WWP20]. **County** [KT22, LYL+24]. **Coupled** [GGE+23, MTW+22, WXT+20, CXZ+23, DVVH21, FMH+20, KCS22, Mas23, MTT22, PG23, SINS22, WG21, WSW23, ZLL+23]. **Coupling** [YHC+21, BLA+24, WLLW20, YXY+20, YJC+24, ZSS21, ZHWZ23]. **course** [LM23]. **CoV** [CYP+20, Cor20]. **cover** [COS23, CPTD22, DCT+21, DMdR24, HAZEF23, LSS+21, MKB+24, SCH+21, WWC+22, YCK20]. **coverage** [SGCFB22]. **cowberry** [ML20]. **Coyote** [MMMS23]. **Cr** [MTT22]. **crab** [CMFC23, OCT+23, YFW+21]. **crane** [NBMD21]. **crassipes** [XGT+24]. **created** [SBS+21]. **Creating** [HHFB23, EON23]. **Creek** [KFJS20]. **Crimea** [Vas23]. **Criteria** [USA21, KFM+23, MAN+20, MSS24]. **Critical** [TA20, ABM20, WCG+24]. **critically** [HMGK20]. **croaker** [RJY+20]. **Crop** [ECC+22, CSCT23, CJM+23, CGVC21, DCT+21, HKH+23, HBC+22, JPL21, LBT+22, LDX+23, LYM+23, MVC+22, OHH+21, RGB+23, SJA+22, TGB+23, WYJ+22]. **crop-weed** [CGVC21, MVC+22]. **cropland** [HCX+21, ZYK22]. **croplands** [RMO22]. **cropping** [DDH+22]. **crops** [CMSD+22, CAFT22, DGVVP23, NAM22, dAWG23]. **CROPSIM** [PTF23]. **CROPSIM-CERES** [PTF23]. **cross** [JHL23, MBG+22, RAC+24, WHdBB21]. **cross-border** [JHL23]. **cross-scale** [MBG+22]. **cross-sectional** [RAC+24]. **cross-validation** [WHdBB21]. **crossroad** [BAR20]. **crown** [MAB23, dAPdBMT23]. **crown-of-thorns** [MAB23]. **Crustaceae** [BAAN24]. **cruzi** [EBMK20]. **cryptic** [BVR+20]. **Cryptolestes** [AJJ24]. **Cryptomeria** [HKSM23]. **CSCER** [PTF23]. **Cu** [MTT22]. **cucumber** [TCG+20]. **cue** [TPD+24]. **cue-based** [TPD+24]. **culling** [CAB+21]. **culls** [Dav22]. **cultivation** [KBSS23, SSB22, Vas23]. **culture** [DMPLHGL20, FDSM20, SZL+20]. **cultures** [PGB+20]. **Cumulative** [TBP+23, LPL22b]. **curated** [SCACB23]. **currency** [CDB+20]. **Current** [CFG+22, JZS+21, LHDBN20]. **currents** [PTD+23]. **Curricular** [Por21]. **curse** [CBSB23]. **Curtis** [RP22]. **curve** [LMNV20, RGB22]. **curves**

[BBSHC22, LGA+21, SDP21]. **cutaneous** [ZMG+21]. **cutting** [CSM23]. **Cuyo** [AZMD+22]. **cyanobacteria** [GSRB22, LCLG20]. **Cyanobacterial** [LWZL23, JvVvHH24, ELS23]. **cyanoFilter** [OSH+21]. **cycle** [AZAD+23, BPL+20, BP21, EL22, HKG+24, KBSS23, LUT+24, NGA+20, SLYL+20, SGPSzC22, SGA22, SINS22, WZZF23]. **cycle-based** [EL22]. **cycles** [JMC+22, Koo24a, MD23]. **cycling** [BKTM20, DMdR24, FWK+20, KMAA23, SLB20b, SMP20]. **cytometry** [OSH+21].

D [Des21, CGVC21, PMP+21, PM22, VRRI+24, WSW23]. **D.** [HKSM23]. **DAESim** [TBCV22]. **daily** [WHL+23]. **dam** [SAdA+22, WLZ+23a]. **damages** [SAdA+22]. **damaskrose** [NGA+24]. **damselfish** [GGMR20]. **Daphnia** [PDH+22]. **Data** [AVRC+20, BTC+22, AHH22, AADHA+23, AMK21, AMP+23, ATP20, AG22, ALK20, BSS+24, BS20, BBSHC22, BVR+20, CJM+23, EMH+22, GCSlR22, GCS+21, GML+20, ILLM20, IBB+21, IBB+22, Jag20, JVGC21, JMM+20, KAMS22, KRM+22, KKF+23, KD20, KUK+21, LDC+20, LJP+22, ŁKPK22, NGE+21, NT23, OSH+21, OW20, PK23, PSM22, PRdN+20, PPH+21, PM22, RMA+24, RGB22, RBVL+20, SSM24, SNP+23, TSdOCV21, VMH+21, ZWL+21]. **data-based** [AADHA+23]. **Data-driven** [BTC+22, CJM+23]. **data-poor** [AMP+23]. **data-sparse** [AMK21]. **Database** [TK20a]. **dataset** [LJRM+20, ŁKPK22]. **date** [DIS23, JPL21, TBZ+22]. **DayCent** [DDH+22]. **Dealing** [BVR+20, MVAD20]. **death** [NTHC23]. **DEB** [AVRC+20, GSM+20, JGG23, KK20, MPL+20, SLYL+20]. **DEB-structured** [KK20]. **DEB-tox** [AVRC+20]. **DEBtox** [Jag20]. **Decadal** [HSL+22, IBB+21, IBB+22]. **decay** [AB21]. **December** [Ano20c, Ano20o, Ano21c, Ano21o, Ano22c, Ano23c]. **deciduous** [SPPC21]. **Decision** [LZW20, NGE+21, USA21, BVR+20, CMSD+22, For24, GZK+20, JST+22, MTW+22, MSS24, PGP+22, PBS21]. **decision-making** [BVR+20, GZK+20, JST+22, MTW+22, PBS21]. **Decision-Support** [LZW20, PGP+22]. **decisional** [Pie23]. **decisions** [CDNN+20, LE23, WDW+22]. **decline** [LG20, RM20]. **Decne** [PCN+23]. **Decoding** [HNC+21]. **decomposer** [KKP+21]. **decomposition** [CCH20, KAB+23b, TGB+23]. **Deconstructing** [WGK+21]. **decrease** [dSBDH23]. **deep** [CCH20, EOÖ21, Lia23, WCSX22, WrJP+22]. **Deer** [HCW+22, BLB+24a, BGK+20, KS22, TBM+24, VRW+21]. **Defaunation** [MMdP+21]. **defence** [RTH+21]. **defence-reproduction** [RTH+21]. **deficient** [CAFT22, YXH20]. **define** [MLV24]. **defines** [ZGG22]. **Defining** [NBU+23, RFHR24]. **Deforestation** [dSBDH23, ZZW+22]. **Deforestation-induced** [dSBDH23]. **degradation** [AMK21]. **degraded** [BWCD23, ESCA22]. **degree** [ZSS21]. **Delay** [RCSS20, AWW24]. **delayed** [WWA+22]. **Delimitation** [ZYK22]. **Delineation** [SD24]. **Delta** [CL21, SWP+23, GMS+23]. **deltaic** [BMAME+23]. **demand** [KMP+23, MRR+20, MGdM+20]. **demanding** [TSdOCV21]. **demersal**

[BAAN24, DTD+23, RSC+21]. **Demographic** [BAZ22, PTBFP+20, ABC+22, CP20, PSM22, ZOJ+23]. **demography** [JMC+22, LVM+22, PMB+22, STW+23]. **demonstrates** [JHKT+23]. **dengue** [ABZ22, ZXK+24]. **denning** [CLW23]. **Dense** [HHI+22]. **Density** [HI22, CKC20, PSBE23, RFPRC23, VRW+21, WRC21, dVDC20]. **density-dependent** [PSBE23, dVDC20]. **dependence** [WRC21]. **dependency** [FEPR24]. **dependent** [BHC22, CMFC23, CTL22, DGSM21, HML+22, KRMP23, MGWG22, NGE+21, PSBE23, PGdAM+20, RWF22, YB22, ZSS20, dVDC20]. **depletion** [BRAL23]. **deposition** [BPL+20, RLdM20]. **depredation** [CDT+23]. **depredation-impacted** [CDT+23]. **depth** [CGRR+24]. **depth-resolved** [CGRR+24]. **derived** [OW20, SSJC23]. **describe** [HFP20, RCSS20, RRSG21]. **Describing** [BPN+20, BWS+20, CNNS+21, PCN+23, PAB+22]. **Description** [RRSG21, TGB+23, FSZ+20]. **descriptive** [BSPT23a, BSPT23b]. **desert** [CWY+24, CJM+23, KWC24, LAK+23, ZMS20]. **desert-oasis** [CJM+23]. **desertification** [FMRMAS24]. **deserts** [BP21, WXX+23]. **design** [BBCD23, CWH+21, MAD+20, NPS+23, Tur20, WST+23, ZJEG24]. **Designing** [SJA+22]. **designs** [RAC+24]. **details** [WTT+21]. **detect** [LM23]. **detecting** [KKW+21]. **detection** [APF21, DMM+23, JJN22]. **detections** [NND+22]. **determinants** [DDG+21, LPD+20]. **determination** [MGWG22]. **determine** [CSZY+20, CDT+23]. **determined** [HKH+20]. **determines** [SBMF23]. **Determining** [ALS+21, RPT21, USA21, SSM24]. **deterministic** [LK24b]. **detritus** [AWW24]. **detritus-nutrient** [AWW24]. **Detroit** [KWM+24]. **Developing** [PFK+22, SDP21]. **Development** [AIA+23, DDG+21, ESZ+23, HL23, MFF+24, NO23, NT23, SSB22, ZZZD22, BSPT23a, nCLpW+23, CPAT20, CMS+21, DLZ+20, FEPR24, GCMU23, HEL+21, HCL+22, HSD+21, Jia21, JASW23, LPS+21, ŁJ21, LYM+23, RPB+23, SGPSzC22, SBWB24, TK20b, WRC21, ZSS21]. **devices** [NPK+23, PDD+22]. **Dez** [ZMK+22]. **DGVM** [VK24]. **diadromous** [BOLC+22]. **diagnostic** [KMH+21]. **diagrams** [AIA+23]. **Dianchi** [WCG+24]. **diapause** [BVM+21, PGdAM+20]. **DiaThor** [GSJC22]. **diatom** [GSJC22]. **diatoms** [LCLG20, SBMF23]. **Dicentrarchus** [WBW+20]. **diel** [CSB22]. **Diels** [ZWL+21]. **diet** [LPA+21, PTG+20]. **Dietary** [MLP+20, MPL+20]. **differences** [AJJ24, CKK+24a, GSM+20, KWM+24]. **different** [ATP20, AJJ24, CHR+23, DIS23, GVG+23, Hop23, JL23, LYC+21, MSLM+24, Sak23, TLC+22, TGL+22, WSHZ24, WTT+21, ZBH+22, ZLZ+24]. **differential** [COPM23, VMM+21, Wu24]. **Differentiating** [BG22]. **differentiation** [GSRB22, HLZ+22, ZSS21]. **differentiations** [LLZM20]. **differently** [RLdM20]. **diffusion** [CAH22, FMRMAS24]. **Diffusivity** [AJJ24]. **digestion** [AWW24]. **DigiBog_Boreal** [RPB+23]. **digital** [KKW+21, SG20]. **dilated** [PSG+22]. **Dilution** [Oku21, CLHZ22]. **dimensional** [ABB23, Ano20-50, DBK20, LWE+22, NBML21, TWL+22, YLS+21].

dimensions [KCS22, SZPW23]. **dimictic** [EL21]. **DINAMICA** [HPMB20]. **Dingxi** [LYL+24]. **dinoflagellate** [GSJ+22]. **Dinosaurs** [PR21]. **dioecious** [LBT+22]. **dioecy** [MT23]. **dioxide** [BH20, BLB+20]. **diphtheria** [LPSF24]. **direct** [BGA22, MTS+20, TBM+24, ZOJ+23]. **directional** [STQ+22]. **discharge** [Che21, YG21]. **disciplines** [BVR+20]. **Discrepancies** [MYACC22]. **discrete** [mSzZK+21, SE22]. **discrete-time** [SE22]. **discrimination** [SBFBDM24]. **discus** [DLZ+21]. **Disease** [HCW+22, BAPW20, BJKT21, BGK+20, CBSB23, CLPZ20, CLHZ22, EBMK20, GSC+23, KS22, NWJ+22, PSG+22, TBM+24, WHE+24a, WHE+24b, WrJP+22]. **disease-induced** [CBSB23]. **diseases** [GRGHM21, VSB22]. **Disentangling** [DAB+20, QZSV21, WTT+21]. **disgust** [PF23]. **Dispersal** [CGB+23, LHH+24, AE22, AM21, BOLC+22, BSR21, CGV22, JPMA+23, LK20, LHDBN20, LBB20, LSL20, VMM+21, WSW23, dAdSCA20]. **disperser** [DAG+21]. **dispersion** [IA23, MYH+20]. **displacement** [CMA23]. **disprove** [LGK+23]. **dissimilarity** [RP22]. **dissolved** [CFL+22, FTH24, NKT+20, YFW+21]. **distance** [MVAD20, PPH+21, RP22, RBEH21]. **distance-independent** [PPH+21]. **distinct** [CTL22]. **distinguishes** [KWM+24]. **distort** [ŁKPK22]. **Distributed** [RCSS20, NA22]. **distribution** [AHH22, AMP+23, AFdSM23, ALJ+22, BOLC+22, BM22b, BM22a, BSCH23, BS20, BWSS21, BMS+20, BG22, CSBS21, CLPZ20, CNSK21, CKC+24, EWE20, FS22, GMM+24, GWH20, HLZ+22, HFSL+24, Jia21, MGK+23, MLJ+23, MMRBLN20, MVAD20, Men22, MBD+22, OW20, RBLS23, RSWS23, RJY+20, dSRDC+23, RPT21, SLB+20a, SVK20, SKW23, SBFBDM24, SC23, STRC24, TK20a, VRRI+24, VMH+21, VRS20, WSM24, WWP20, WSL+22, YLS+21, YCI20, ZZZD22, MLJ+23]. **distributional** [BLA+24]. **distributions** [HMDO20, JMM+20, LK24b, OMP+23, PEFW20, SRTS20]. **District** [MDP21]. **disturbance** [FdKO21, LVM+22, LHL22, NL20, PZH+21]. **disturbances** [YDQ+23]. **Disturbed** [HHI+22, KLNMG22, MHP+23, MCB+23, WLWL23]. **diversicolor** [GLA+20]. **diversion** [BLB+24a]. **diversity** [CLPZ20, Che22, HLW+20, KAB+23b, LPA+21, PNGESS21, PSZ20, RFF+23, SOP22, SG20, WZHP21, YXH20, ZL24]. **DNDC** [GAMN+23, SMM+22]. **Do** [WTT+21, BAM23, CSCT23, RLdM20]. **doab** [AIA+23]. **DODM** [STRC24]. **Does** [JJN22, CKC20, GZ23, KLNMG22, Pér24, PAS+22, PNGESS21, SKH+20, VSB22, XGT+24]. **doing** [ASKR24]. **dolomieu** [LBI+20]. **dolphin** [RBLS23]. **domainal** [Ano20-50]. **domestic** [GM23]. **dominance** [SIOM24]. **dominant** [AMP+23, LHH+24]. **Don** [HKSM23]. **Dorosoma** [PSBE23]. **dorsalis** [TBP+23]. **dose** [YXH20, ZL24]. **doses** [MJdORPG23]. **Douglas** [BLB+20]. **Douglas-fir** [BLB+20]. **down** [EOÖ21]. **downscaled** [NLMM23]. **Dr.** [Des21]. **drained** [RGD20]. **drift** [LEC+23]. **drinking** [ELS23, ZZZD22]. **drip** [GLK+22, GZD+23].

drip-irrigated [GLK+22]. **drive** [FLG+23, GZ23]. **driven** [ABR24, ABC+22, BTC+22, CMFC23, CJM+23, nCLpW+23, CGV22, ILLM20, JLLS23, KiAM+20, Koo24a, LG20, NHGP23, PSM22, SJH+23, SBR20, TK20b, WSW23]. **driver** [BA20, HLW+20, MB22]. **driver-response** [BA20]. **drivers** [CFG+22, DAB+20, HBP+21, MAGR+22, MD23, WF24]. **drives** [ZFC+23]. **Droop** [WGAH22]. **Drosophila** [RRSG21]. **drought** [LPS+21, SD24, ZZLF24]. **drought-induced** [LPS+21]. **droughts** [HHBF24]. **dry** [DYMD22, DZC+23a, DZC+23b, YLLL23]. **Dryland** [CGV22]. **dryness** [JPL21]. **DSSAT** [PTF23]. **dual** [SZPW23]. **due** [AVP+23, LDS+23, MKR20, MYH+20, ZOJ+23]. **DUET** [MLJ+23]. **dugon** [Lef23]. **Dugong** [Lef23]. **dugongs** [Lef23]. **duration** [LGA+21]. **during** [CRZ+23, CZ21, DZC+23a, DZC+23b, KFM+23, OHH+21, STQ+22, Tsy22, dKS22]. **Dutch** [BAPW20]. **Dwarakeswer** [SD24]. **dwelling** [PSM+21]. **DynaGraM** [MPCG21]. **Dynamic** [BM21, DMPLHGL20, FCP+20, GLA+20, HMGK20, LFN+20, PSM+21, SC23, VLGG+20, WWC+22, ZLLZ24, ZLZ+24, vdMvDSL20, ABKA24, AADHA+23, BAAN24, CMGD+22, CDB+20, dSCdA21, DS23, DLZ+21, ERP21, FdKO21, FSY22, GMM20, JB22, JM22, KWC24, KD20, Koo20b, LYC+21, LAK20, LHL22, Mat23, RPG20, RJY+20, RRCZ20, SVK20, STRC24, SRB+20, SMS+24, TBCV22, TSBE23, Tur20, VJK+23, WCSX22, XWX+24, YRK+20, DPC20]. **dynamical** [LPSF24]. **Dynamically** [SCG+23, JPL21]. **Dynamics** [DBDR22, GWD+23, MBR+23, PG23, ADR21, AM22, AG22, APF21, APGD+21, BS21, BOLC+22, BGS+20, BGR20, BGA+23, BLP20, CR24, CLH23, CGV22, DKM+21, DAQ20, DMGP20, DRZ+24, DS24, EL21, EL22, FCFCM24, FDSM20, FSZ+20, FZS+20, GSR+23, GAC+21, GRAA22, GSJ+20, HZ22, HSJ+20, HSP+22, Hop23, JLV+21, JLLS23, KDH+21, KCP+23, KSJ22, LE23, LRA+20, LSL21, LQH24, LZW20, LSS+21, LGL+24, LCMB21, MLL20, MLMI23, MPSS24, MDB+20, MSLMM22, MF20, MB22, MMC+21, MPCG21, MKB+24, NO23, NO24, NS20, NGE+21, NLMM23, NK23, Oku21, OCT+23, PDH+22, PBH22, PSG21, PPH+21, PKO+21, PZH+21, PMP+21, PCK+22, RCCLMGV22, RFJ+22, RKN+21, RWS+21, SCB+20, SQDM21, SM22a, SMD+20, SE21, SE22, SLB+23, SJH+23, SLC+20, SBR20, TPD+24, TK20b, Uch23, VSB22, WGAH22, Wu24, XYZR21, XFK21, ZMS20]. **dynamics** [ZLLZ24, ZYM+21, GCSlR22].

E-PSR [RS23]. **E2E** [SHF24]. **each** [MJS24]. **eagle** [RM20]. **early** [LAK+23, MFF+24, WSFZ21]. **earth** [Kle23]. **earthquake** [BWS+20]. **earthworm** [RPG20]. **East** [BWS+20, COS23, MTW+22]. **eastern** [BWS+20, LAK+23, LLC+24, YJC+24, GGMR20, MDB+20, OCT+23, SCG+23]. **easy** [CXZ+23]. **easy-to-apply** [CXZ+23]. **EasyCA** [AXMJ22]. **Echinococcus** [MMMS23]. **eco** [Abe20, CN20, DPC20, GSC+23, LLC+24, LQH24, LW23, MF20, NWO21, NO23]. **eco-efficiency** [LW23]. **eco-epidemiological** [GSC+23]. **eco-evolutionary** [Abe20, CN20, LQH24, MF20]. **eco-hydrology** [NWO21, NO23].

eco-physiological [DPC20, LLC+24]. **ecode** [Wu24]. **Ecodynamics** [Ano20-49]. **ecogeomorphic** [PR22]. **Ecohydraulic** [Yao21]. **ecohydrodynamic** [DVVH21]. **ecohydrologic** [BKTM20]. **ecohydrological** [HKY24, MLMI23]. **Ecol** [BS20]. **Ecological** [AGS+22, ARSC22, BdBG+21b, BMS+20, CVTS20a, DS21, HES+23, KHH+24, LC20, LBI+20, LZD+24, LSG21, LLW+21, MMRBLN20, MP23, MGC24, Pie23, SE20a, SGTS23, TWL+22, TLH+20, VBH20, WHE+24a, WCF+22, XWX+24, ZYZ22, ZZQ23, AS22, Ano20-50, AFG24, BANG20, BRC+21, BAM23, BG22, CB20, CLY+23, CNSK21, CIL+20, CYP+20, Cor20, DYMD22, DK22, DWG22, EGAS23, ESZ+23, For24, GGE+23, Gon23, GPN+23, GCMU23, GZK+20, HNC+21, KMAA23, KNP+21, KAT+22, KBSS23, LLZM20, LCM24, ŁKPK22, LPD+20, LYL+24, MFPIBGES23, MS20, MZLRSZ21, NGA+24, NBU+23, NL20, OBFH22, PBH22, PHL20, PGB+20, PAB+22, PPSS22, PTNR+20, RS23, RBMRR20, RFHR23, RFHR24, RBEC21, SZPW23, SACEU+21, SCACB23, SML+20, VRS20, VSK+20, WG21, WXX+23, WLQ+23, WZLC24, XHS+24, ZMK+22, ZHJQ23, ZFP21, ZHC23, ZGMFESD23, dFT+20, Pas21]. **ecological-economic** [DWG22]. **ecological-risk** [GZK+20]. **Ecologically** [Por21, CWF+21, CKC+24, GCSlR22, MFF+24, WCF+22]. **Ecologically-Based** [Por21]. **ecologists** [WG21]. **Ecology** [Mea20, Por21, BWSS21, CBW22, Fou21, PSW22, RFHR24, UGSG24, XJW21, dMT23]. **econ** [CXZ+23]. **econometric** [BVR+20]. **Economic** [DMPLHGL20, CZ21, DWG22, JLLS23, LZL22, NAM22, WZLC24, ZSS21]. **economics** [LM21, SM20]. **economies** [WF24, YD20]. **economy** [Ano20-49, FMSR20, GCMU23, SAL+22, SMP20, ZA20]. **Ecopath** [BWS+20, PTG+20]. **Ecophysics** [GRS+20, Pas21]. **ecophysiological** [CAK+23, CAK+24, TSdOCV21]. **ecoregion** [LhNA+21, LhNA+22]. **ecoregions** [HH23]. **Ecosim** [BWS+20, WA20]. **Ecosystem** [BM21, FWK+20, GSA24, LB21, PKB+23, RSB+23, YZF20, ZZŠ+22, ASHK22, ABM20, BMBB24, BNN20, BNAR+21, BRBT22, BLSR+20, BDA+20, BGC+24, CBG+22, CL21, CLY+23, CWW+23, CXZ+23, CVTS20a, CVTS20b, CPAT20, DS24, EON23, FMH+20, FDSM20, GDF22, GSJ+20, GZW+20, HKB+20, HES+20, HES+23, JHL23, KPLH24, LUV+23, LL21, LZL23, LCW+21, LPD+20, LGA20, MPC+22, MEGA21, MFH+22, MTZA23, MBS22, OHR+23, PBF+23, PGP+22, PRdN+20, PDGB21, PZH+21, PCK+22, RUTY23, RLS+24, SBS+20, SBS+21, SBM+22, SMD+20, SHF24, SINS22, SZL+20, TBCV22, WHL+23, WYBX23, WFW+24, XCH+21, XCZ+20, YPS+21, ZYZ22, ZCJ+20, ZYK22, ZHC23, ERP21]. **ecosystem-atmosphere** [BGC+24]. **Ecosystem-based** [GSA24]. **Ecosystem-scale** [FWK+20]. **ecosystem-wide** [HKB+20]. **Ecosystems** [BAR20, AM22, AAC20, BA20, BLL+23, BP21, BARF20, CP22, CTL22, DK22, DRZ+24, FSZ+20, FZS+20, GPN+23, GZK+20, HLW+20, HLZ+22, LSA+21, LWL24, MBG+22, OTR+21, OKS+21, WHW+23, RFHR23, RGRMRR20, WZHP21, WWCT24, ZFT20, ZFC+23]. **ecotone** [TBZ+22].

ecotoxicity [Jag20]. **ecotoxicology** [PFK+22]. **ectotherms** [RRSG21]. **edge** [LCW+21, YJC+24]. **edible** [GMM20]. **editorial** [LSG21, Ano20y, Ano20z, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano21y, Ano21z, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano24b, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g]. **Edmonton** [NBML21]. **eel** [BdBG+21a, BdBG+21b]. **eelgrass** [KNP+21]. **Effect** [AFdSM23, JMC+22, JRD+22, KFM+23, LDX+23, RGRMRR20, ZBW+24, ABH+20, BLB+24a, BLLL21, CHR+23, CLHZ22, CMS+21, EWE20, KS22, KUK+21, KBAC20, LL21, LP22, MSG21a, MDT+23, MKR20, NDNN22, OMP+23, PDH+22, PZH+21, RCCLMGV22, RMA+24, XLM+23, dAdSCA20, RLM23]. **effective** [BCMV20, PMZ+21, SSM24]. **effectiveness** [BJKT21, HCPG20, XWX+24]. **Effects** [CWH+21, FdKO21, KKH+24, LHDBN20, LCMB21, MMC+21, MJS24, NBMD21, VRS20, YSFX23, ADR21, BKTM20, BH21, BSCH23, Che21, CGV22, dSCdA21, CP20, CSB22, DMM+23, DWH+21, EVT+21, HCL+22, Hop23, Ino22, KMAA23, KAB+23b, KLPJ24, KPLH24, LK20, LBGD21, LYZ+24, MMdP+21, MPSS24, MEPJ21, NK23, Oku21, PTBFP+20, RWF22, RSC+23, SDD+20, SHF24, SWL+23, SBWB24, SML+20, TLL+23, VVH+20, VSK+20, VBH20, WLZ+23a, YPS+21, ZFC+23]. **efficiencies** [PGP+22]. **efficiency** [BAM23, HLW+20, LPL22a, LNK+21, LW23, WWCT24, Yu20]. **efficient** [RBLS23]. **egg** [BGR20, LEC+23]. **eggs** [DLY+22, LWE+22]. **EGO** [HPMB20]. **ELA** [DMdR24]. **elasticity** [TK20a]. **electricity** [LGA+21]. **electrofishing** [RGD+22]. **elements** [MFZ23, PAPŁ+23]. **elephant** [HBC+22, MDP21, NMC+20]. **elephants** [DDG+21]. **elevated** [ZFT20]. **elevation** [LhNA+21, LhNA+22, PR22]. **Elliptical** [MLJ+23]. **Ellis** [MTL+23]. **elm** [BAPW20]. **Elucidating** [SIOM24]. **Embedding** [MS20]. **embodied** [XLM+23, ZLML20]. **Embracing** [FCP+20]. **emergence** [BR22, LDS+23]. **emergent** [DAB+20, LYC+21]. **emerges** [WLWL23]. **emerging** [VSB22]. **Emergy** [CAS+24, DYW+22, ESCA22, EGAS23, LB21, AAM+22, AAC20, CMHZ23, ENARM+23, LL21, LDZ21, LZL22, LYL+24, SAdA+22, TLC+22, ZMK+22]. **Emergy-based** [ESCA22]. **emigration** [WGK+21]. **Emilia** [MEGA21]. **emission** [IA23, KMH+21, WF24, XLM+23, ZMF+20]. **emissions** [BGA22, BWT+24, CMHZ23, DGVVP23, GAMN+23, HWS+23, MTS+20, PG23, SMM+22, TQM+24, YLLL23, ZPZ+22, ZBH+22]. **Empirical** [BdSG+23, BM21, dMFOM+20, JM22, KWP+23, LMNV20, MAN+20,

RBGB23, RBEH21, Ste20, WGAH22]. **Employing** [ATP20]. **empowerment** [NBMD21]. **enables** [VK24]. **encounters** [dKS22]. **encourages** [GLH24]. **end** [BNN20, CGRR+24, CFG+22]. **end-to-end** [BNN20, CGRR+24, CFG+22]. **endangered** [BLLL21, HMGK20, HBP+21, MCB+23]. **endemic** [HMGK20, WLZ+23a]. **enemies** [LRA+20]. **energetic** [KLA+20, Lef23, TMFV22, WLLW20]. **Energetics** [CDB+20, DGSM21, Koo20a, Koo24b, WWF+23, WWA+22]. **Energy** [DPC20, DS24, FCP+20, GLA+20, LFN+20, MTP+20, PDG+20, VLGG+20, ZLML20, BPK+20, BGC+24, CZ21, CDB+20, DLZ+20, DLZ+21, FMSR20, HMGK20, HWS+23, JMHH22, KD20, Koo20b, LAK20, LBS20, MKS21, MPMT23, Mat23, RPG20, RJY+20, RRCZ20, SLY+21, SML+20, VVH+20, YRK+20, vdMvDSL20]. **energy-based** [SLY+21]. **energy-budget** [JMHH22]. **Energy-Landscape** [MTP+20]. **Energy-systems** [DS24]. **engineers** [BMBB24, SBS+20, SBS+21]. **English** [DHW+20]. **enhance** [ATP20, FCP+20, Oku21]. **enhanced** [ESZ+23, HAZEF23, SJH+23]. **enhancement** [YRK+20]. **enhancements** [CSCT23]. **enough** [LJRM+20]. **enrichment** [OHR+23, SM22a]. **ensemble** [CWW+23, HBP+21, LLLZ21, ZFP21]. **ENSO** [GGMR20]. **entrainment** [HKH+20, LYZ+24]. **Entropy** [ZSS20, GCS+21, HMDO20, dRMJdS23, WT20, XJW21]. **envelopes** [MYACC22]. **environ** [LLW+21]. **environment** [BSE21, BWS+20, HSF+20, HLB+20, JASW23, KN20, KWG+22b, MCB+23, PAdS+24, PNGESS21, SBS+21, SBMF23, SMP20, SGRDA+24, ZSS21, ZL24]. **Environmental** [LMNV20, MBB20, OZSU22, Pas21, AZBdAI23, APGD+21, BLA+24, BGA+23, BSR21, BAM23, BARF20, BDA+20, CZ21, DMPLHGL20, FAC22, HL23, HWS+23, JRD+22, JASW23, KWC24, KCHZ21, LBGD21, LCP+20, LBI+20, MYACC22, MRR+20, MBFS21, MLP+20, NAM22, OMP+23, PG23, PDW23, PYD+21a, PYD+21b, PM22, SLYL+20, SM22a, Vas20, Vas23, WG21, WBD+22a, YEL+21, ZJEG24]. **environmentally** [ENARM+23]. **environments** [BVM+21, BR22, EHS+20, FSY22, Koo24b, MMRBLN20, SG20, YXH20]. **Enzo** [Ano20-49]. **ephemeral** [AGP20, BGR20, BSR21]. **Ephemeroptera** [KFJS20]. **EPIC** [WYJ+22]. **epidemics** [BCMV20]. **Epidemiological** [MD23, GSC+23, VSB22]. **epidemiology** [MMMS23]. **epigaeic** [ZBW+24]. **epipelagic** [CGRR+24]. **Epizootic** [MSLMM22, EBS23]. **equalization** [HCL+22]. **equation** [CMG20, COPM23, DAQ20, KAB23a, NBU+23, RFHR23, RFHR24, UGSG24, Wu24]. **equations** [AZAD+23, MAN+20, VMM+21]. **equitable** [DL21]. **equity** [ZOJ+23]. **equivalence** [HFP22]. **eradication** [HKB+20]. **erosion** [AJG22a, AJG22b, GGMR20, LSS+21, YG21, ZLZ+24]. **Error** [KWG+23, JTH24]. **errors** [OHH+21]. **eruptive** [Fer23]. **establishment** [AV22, JHKT+23, KKH+24, NND+22, SG20]. **esters** [WLQ+23]. **estimate** [ACFM22, GAMN+23, HLS+23, KAMS22, PSM22, RFdL+24, SLB+23, TTPA21]. **estimated** [LCMB21]. **estimates**

[ALK20, BHC22, CLW+24, DBV+22]. **Estimating** [BPK+20, GAM20, JS22, JMM+20, KD20, LB21, MLL20, SZL+21, WHE+24a, WHE+24b, ZPZ+22, GLK+22, LAK+23, LAK20, RMA+24, SWF21, SDP23, WYBX23]. **Estimation** [AJ22, CCH20, EJ20, GZD+23, HI22, HCX+21, KLS20, KWP+23, MTT22, RFPRC23, SWHZ22, XWZ+22, Yu20]. **estimations** [YSIB24]. **estimators** [LK24b]. **estuaries** [FTH24, MLP+20, SJH+23]. **estuarine** [AM22, CMFC23]. **estuary** [Che21, HMC20, KDH+21, MKEH20, MBB20, DZC+23a, DZC+23b]. **ESV** [ZZQ23]. **ESV-FLUS** [ZZQ23]. **Ethiopia** [TGRM23]. **eucalypt** [BdSG+23]. **Eucalyptus** [EHS+20]. **Euclidean** [RP22]. **europaea** [PAPŁ+23]. **Europe** [ASL+20, EVT+21, HKG+24, HK23, Pre22, SBR20]. **European** [CH22, DHW+20, LG20, MKR20, RBVL+20, SLB+20a, SKW23, WBW+20, WBD+22a]. **eutrophic** [BS21, ELS23, ZWZ+20]. **eutrophication** [BNAR+21, CDJ+22, DBK20, DK22, NBML21, SRK+20]. **eutrophication-based** [DK22]. **evaluate** [BGA+23, GLA+20, KDH+21, KLPJ24, MAD+20, MPA+24, TDI+20, WHdBB21]. **evaluates** [MGC24]. **Evaluating** [CAK+24, ERP21, GWH20, GSJ+20, HFSL+24, IBB+21, IBB+22, LDZ21, NGA+24, SZL+20, WLZ+23a, XCZ+20, DL21, DWH+21, MDB+20, MS23, NO23]. **Evaluation** [AAC20, CSZY+20, NWO21, WHW+23, STW+23, BSPT23b, BLL+23, CLY+23, Ino22, LPS+21, LZL22, MAN+20, MP23, PAB+22, SLY+21, SPPC21, SBFBDM24, SDP23, TK20b, YZF20, RPARM20]. **Evaluations** [LEC+23]. **evaporation** [HKY24]. **evapotranspiration** [WLZ+23b, ZFC+23]. **event** [GRGHM21]. **events** [FS22, RFCEL22, RFPRC23, SLC+23, SSB22, TTPA21]. **Everglades** [RGD20, ZRMW+20]. **evergreen** [CLW+24]. **Evidence** [LW23, PK23, SGH+23, COJ23, CDC+22, MMRBLN20, ZA20, BAM23]. **Evolution** [Gon23, LZSQ20, Gat21, JOE23, LPSF24, LM21, LYL+24, WXH+22, YDQ+23, YD20, GCMU23]. **Evolutionary** [GHK23, Abe20, AARS23, BDC+22, CP20, CN20, GRCSA+20, LQH24, LBS20, MF20, MOS21, MJdORPG23, PDW23]. **Exaiptasia** [KRMP23]. **examine** [BWT+24]. **Examining** [CLG20]. **example** [CDNN+20, LPSF24, WA20]. **exchange** [ASHK22, BLB+20, HLS+23, RSB+23]. **exchanges** [SMP20]. **exciting** [GSH+22]. **exclusion** [MYH+20]. **Exergy** [VPAV22, NGA+24]. **exhibit** [HSL+22, RBGB23]. **existence** [dAdSCA20]. **existing** [JS22, KD20, Kos22]. **expansion** [GCB+22, LK20, MKEH20]. **expectations** [BMS+20]. **expected** [PTD+23]. **experienced** [SBMF23]. **experiencing** [RCCLMGV22]. **experiment** [ABC+22, BLB+24a, PNGESS21]. **experimental** [MPL+20, NS20, DMdR24]. **experiments** [FZS+20, JLV+21, PSM+21, Tur20, VN23]. **expert** [WBD+22b]. **Explaining** [CKK+24a]. **explains** [SGV+24, XJW21]. **explanation** [MSG23]. **explicit** [AE22, BSU+23, CAB+21, DDG+21, GCB+22, GRCSA+20, KS22, KWG+23, LQH24, SLHB+23, SJA+22, SOV21, TPD+24, WBW+20, WBD+22a].

explicitly [SBS+21]. **Exploitation** [CDT+23, TCB21]. **exploited** [CMGD+22]. **exploration** [KAB+23b, YYS+22]. **Exploratory** [BTC+22]. **explore** [BGS+20, MSLMM22]. **Exploring** [BNN20, CKK+24b, AAAR23, KMH+21, LPL22a, LZL23, SBM+22, SHF24, WZLC24, dMT23, BRBT22, DMGP20, GRS+20, NGA+20]. **export** [NO24]. **exports** [YG21]. **exposed** [JST+22, WBD+22b]. **exposure** [DEMJ24, DWH+21, JSD+22, ZOJ+23]. **extended** [JSL+20, Laz23, NGA+24, WMA21]. **Extending** [SDSP+21, KMP+23]. **extension** [BP21]. **extensions** [MKS21]. **extensive** [BNN20]. **extensively** [HH23]. **extent** [AFdSM23, GHK23]. **extinction** [Dav22, TCB21, Uch23]. **extinctions** [GRCSA+20]. **extrapolation** [RRFLV+22]. **extreme** [Dav22, SLC+23, SCH+21, ZOJ+23].

facilitates [CKC20]. **Facilitation** [Pre22]. **facing** [BLB+24a]. **factor** [ST24]. **factored** [PSG21]. **Factors** [BLB+20, SOP22, BLA+24, CDN+23, CKK+24b, DPC20, HCL+22, LHJ+24, LW23, Vas20, YG21, YYS+22, ZSS21, ZYM+21]. **facts** [MZLRSZ21]. **facultative** [PGdAM+20]. **Fagus** [LhNA+21, LhNA+22, SKW23]. **fails** [AE22]. **failure** [SAdA+22]. **family** [SBFBDM24]. **Farm** [WrJP+22, TLC+22]. **farmer** [ASKR24, BAM23, LE23, MGdM+20]. **farming** [BGA+23, ENARM+23, HSP+22, MDB+20]. **farmland** [LE23, WWCT24, YLLL23]. **farms** [LBN+22, MM21]. **fast** [AKM22, LM21, LCM24, SdlP20]. **fastidiosa** [BCMV20, GSC+23]. **fate** [BSPT23a, BSPT23b, MLV24, SSJC23]. **fates** [WLQ+23]. **Fath** [Des21]. **fauna** [Yao21]. **favorable** [KDC+21]. **favourability** [MDT+23]. **favourability-based** [MDT+23]. **Feasibility** [AS22]. **feature** [LSG21]. **Features** [CLG20, SDD+20]. **February** [Ano20d, Ano20p, Ano21d, Ano21p, Ano22p, Ano23p, Ano24h]. **fed** [Che21]. **feed** [dMFOM+20, vOVvdW23]. **feedback** [BPN+20, CMKF22, MLMI23, RGRMRR20, TK20b, ZWZ+20]. **feedback-driven** [TK20b]. **feedbacks** [TK20b]. **feeding** [CMKF22, HSF+20, JMHH22, SPB+24]. **female** [WBD+22b]. **Fenghuangshan** [ZZZD22]. **Fenneropenaeus** [YRK+20]. **ferrugineus** [AJJ24]. **fertility** [CAB+21, VPAV22]. **Fertilization** [DGVVP23]. **fertilizer** [JLV+21, LYM+23]. **fever** [ABZ22, MSLMM22, MSLM+24, MD23]. **few** [AXMJ22]. **fidelity** [BR22]. **Field** [CFL+22, SOV21, BGA22, GZD+23, HGBK23, MGC24, NGE+21, PSM22, PDD+22, SGH+23]. **field-based** [PDD+22]. **fields** [BMAME+23, GSR+23]. **fieldwork** [DIS23]. **filamentous** [KBAC20]. **filter** [CWW+23]. **filtering** [EMH+22, VMH+21]. **Fine** [Fou21, JSD+22, KTB+23, YSIB24]. **fine-scale** [JSD+22]. **Fine-tuning** [Fou21]. **finer** [KKF+23]. **finless** [DZC+23a, DZC+23b, HSF+20]. **finmarchicus** [BVM+21]. **Finnish** [KRM+22]. **fir** [BLB+20, SKW23]. **fire** [ABRG21, BKTM20, ERP21, AAAR23, HH23, JLH+21, JB22, LMW+23b, MMdP+21, OHP+23, SLHB+23]. **fire-land** [JLH+21]. **fire-prone** [ABRG21].

fires [dRMJdS23, NA22]. **first** [BPN+20]. **Fish** [AWW24, BPK+20, BGCJ21, BSR21, CSBS21, CFG+22, DLY+22, FTH24, HML+22, JMHH22, KTB+23, LDC+20, LBN+22, LCP+20, LBI+20, LZD+24, LYZ+24, LGA+21, LUT+24, MFF+24, NT23, NPK+23, NPS+23, PBH22, RUTY23, RGB22, SLB+20a, SRTS20, VRRI+24, WLZ+23a, WLY+23, dKS22, PDD+22]. **Fisher** [RBMRR20]. **fisheries** [BWS+20, CDT+23, GSJ+20, Lov24, PHK23, WBW+20]. **fisheries-targeted** [GSJ+20]. **fishery** [AKM22, BNAR+21, CMGD+22, DMGP20, LGL+24, MZLRSZ21, RSC+23, SM22a]. **fishes** [HMDO20, LLB+23, SGLK20]. **fishing** [BAAN24, KiAM+20, KKH+24, RWF22]. **fit** [PAS+22]. **five** [IBB+21, IBB+22, ZMF+20]. **fixed** [GSRB22, HLS+23, JPL21, MLV24]. **fixing** [GSRB22]. **fjordic** [GMM+24]. **fjords** [AM22]. **flammulated** [CWH+21]. **flexibility** [AKY+22]. **flexible** [JMC+22]. **flight** [KWG+22a, SGV+24]. **flights** [STQ+22]. **floating** [HLS+23]. **floodplain** [LUT+24, TSUY23]. **Florida** [PTG+20, ZRMW+20, CB20, CRZ+23, SPB+24]. **flow** [ARSC22, HLM+20, JB22, LZD+24, NPK+23, OSH+21, SBWB24, WDW+22]. **flowering** [KKW+21]. **flows** [FMSR20, HKH+20, MFZ23, RLS+24, ZZWF21, ZLML20, dPGDdFS24]. **fluctuating** [BSE21]. **Fluctuation** [SGH+23]. **fluctuations** [FCFCM24, GZ23]. **Fluid** [GCSlR22]. **flume** [LEC+23]. **fluorescence** [SPPC21, YYS+22]. **FLUS** [ZZQ23]. **flux** [ASHK22, CSB22, SPPC21, ZWZ+20]. **fluxes** [ACFM22, BGC+24, CLW+24, HKSM23, SNP+23]. **fly** [DBN+22, YKZ+23]. **focal** [For20]. **focused** [Laz23]. **folivore** [STRC24]. **follow** [KK20]. **following** [LVM+22, cNKF24]. **Food** [GHbS21, SRK+20, BAAN24, BNN20, CGRR+24, DS24, HML+22, JL23, KRMP23, KMH+21, KKH+24, KDC+21, LPL22a, LLB+23, LPA+21, MAD+20, MJ24, MPPM23, MGdM+20, MEPJ21, MJS24, NHGP23, NK23, OKS+21, VVH+20, WLLW20, WA20, WSN+21, YZZF22, ZBW+24, vdHNH+20]. **footed** [JZJ+20]. **footprint** [EGAS23, LYL+24, RPARM20, SML+20, TWL+22, TBZ+22, ZMK+22]. **forage** [MPA+24, PAdS+24]. **foragers** [CNNS+21, GLH24]. **foraging** [BSR+23, CDNN+20, JOE23, KN20, RBEH21]. **forcing** [CBG+22]. **Forebay** [LYZ+24]. **forecast** [HEL+21, WCSX22]. **Forecasting** [BPW+21, HWS+23, KiAM+20, CZ21, AAAR23, HAZEF23, NLMM23, Pie23, ZFP21]. **forecasts** [NLMM23, WF24]. **foreign** [SML+20]. **Forest** [BAR20, ETAAH21, Mea20, MTZA23, RBEC21, ABH+20, AHO+20, BSS+24, BAPW20, BdSG+23, BLL+23, BGC+24, CM21, CWW+23, CLW+24, DBV+22, DS24, FFM+23, FEPR24, FG21, FSZ+20, FZS+20, FHP+22, GMS+23, GHK23, GSMD24, HKY24, IBB+21, IBB+22, JB22, KWP+23, LDR+20, LhNA+21, LhNA+22, ML20, MSLMM22, MSLM+24, MLV24, MKB+24, NA22, PPH+21, PZH+21, PNGESS21, PSW22, Pre22, PGSL+20, RFJ+22, RFF+23, SE20a, SE20b, SAL+22, SMD+20, SLLW21, SPPC21, SNP+23, TDI+20, VK24, WZHP21, WYBX23, WLT+23, YA24, ZCJ+20, ZLL+23, CKC+24, VSK+20]. **forested**

[BPL+20, HH23]. **Forests** [HHI+22, AMP+23, BSS+24, CAK+23, HHFB23, HHBF24, HLH+21, IBB+21, JHKT+23, LPS+21, LMW+23b, MLL20, MAGR+22, MHP+23, MSG+21b, MKB+24, PKO+21, dOPdMdS+21, RRP+23, RLdM20, RBVL+20, SLHB+23, SFGB23, SKW23, XJW21, YSIB24, ZRMW+20]. **form** [MAN+20]. **formation** [FMRMAS24, KFM+23, SLC+20, dKS22]. **former** [LGK+23]. **forming** [CR24]. **forms** [LZSQ20, WGAH22]. **formulation** [BRAL23, FSZ+20]. **Fort** [Pas21]. **fouling** [PF23]. **foundation** [KAT+22]. **four** [AAC20, MKR20, PDW23, SINS22]. **four-party** [PDW23]. **foxes** [TLL+23]. **fragmentation** [JRD+22, cNKF24]. **fragmented** [BWCD23, CJM+23, LSA+21, RMV+24]. **fragments** [LTR+24, MSLMM22]. **framework** [AMK21, AAR23, BSU+23, BGK+20, CMSD+22, CIL+20, CDC+22, DBDR22, DBH+22, JLH+21, JM22, KDH+21, LDC+20, LMNV20, LJRM+20, LLLZ21, MTW+22, MHP+23, PAS23, PDGB21, RAC+24, SGPSzC22, SGA22, TLC+22, TWL+22, TDI+20, ZLL+23]. **Framing** [SC24b]. **France** [BPL+20]. **franksi** [LVM+22]. **free** [DGSM21, Men22, TBM+24]. **free-ranging** [DGSM21, TBM+24]. **freezing** [LCW+21]. **freezing-thawing** [LCW+21]. **French** [RMV+24]. **frequency** [MMdP+21]. **frequently** [KLNMG22]. **fresh** [GGE+23]. **freshwater** [KWM+24, LDC+20, SC24a, SRTS20, TCS21, Tsy22]. **friendly** [ENARM+23]. **front** [ASL+20]. **frozen** [LMW+23b]. **frugiperda** [BSU+23, dAWG23]. **fruit** [DBN+22, LBT+22]. **fugacity** [WLQ+23]. **full** [SLYL+20]. **FullCAM** [FEPR24]. **Fully** [JVGC21, PPSS22]. **FunBies** [PBF+23]. **function** [DMG22, PSW22, SZPW23, YXY+20, YJC+24]. **functional** [BMBB24, BBSHC22, CLW+24, DLT+22, HES+20, HES+23, JHKT+23, KAB+23b, MAN+20, NHGP23, PBF+23, Pér24, PNGESS21, RP22, RFF+23, SOP22, SHT21, SQDM21, dAdSCA20]. **functioning** [MPC+22, MBG+22, RLS+24]. **functions** [ALK20, CNSK21, LAK20, PCN+23, VPV21]. **fundamental** [EL21, JS22]. **Fundão** [SAdA+22]. **fungal** [MGHT20]. **Fusarium** [GGS+22]. **fusion** [SWP+23]. **future** [BPW+21, CZ21, CLW23, CLG20, ELS23, FHP+22, FS22, GHK23, HSD+21, KNP+21, LhNA+21, LhNA+22, MBD+22, PR22, ZPZ+22, ZXK+24]. **futures** [KMH+21]. **Fuzzy** [DSHB23, ZWL+21].

Gadus [JOE23]. **Gaia** [Gat20]. **gain** [BPK+20]. **Galatheidae** [BAAN24]. **Game** [MB22, DS23, GHbS21, LBN+22, PDW23]. **games** [AARS23]. **Ganges** [RBLS23]. **Gansu** [XHS+24]. **gap** [DTR+22, RP22]. **Gaps** [AVRC+20, ŁKPK22]. **garden** [SSJC23]. **gardens** [RPARM20]. **Gas** [dKS22, BST+20, BWT+24, CFL+22, CPAT20, HCP+20, KMH+21, MTS+20, TQM+24]. **GCM** [TKO+22, ZFT20]. **GCM-related** [TKO+22]. **geese** [JZJ+20]. **gene** [FLG+23]. **general** [PSG21, RRSG21, DLT+22]. **generalizable** [RBEH21]. **Generalized** [SE21, CIL+20, KWC24, SE22, WSL+22]. **generated** [TK20a]. **Generation**

[EHS+20, LGA+21, MKS21]. **generic** [CdCAC+20, DWG22]. **generically** [CDJ+22]. **genetic** [SG20]. **genetically** [NS20]. **Geo** [DIS23]. **Geo-spatial** [DIS23]. **geochemical** [ACFM22, MTT22]. **Geographic** [LB21, HMDO20, RJY+20, SM22b]. **geographically** [CKC+24]. **geography** [MYACC22, USA21]. **geolocation** [NT23]. **Georgia** [MPPM23]. **geospatial** [KKF+23]. **geostatistical** [BMB24]. **Gerais** [MRR+20, dPGDdFS24]. **German** [HHBF24]. **germanica** [CH22]. **germinans** [LK20]. **GHG** [HWS+23, KMH+21]. **giant** [DRZ+24, XFK21]. **GIS** [DTR+22, DIS23, ILLM20, KFM+23, Lov24, SD24, USA21]. **GIS-based** [KFM+23, Lov24]. **given** [SE20a, SE20b]. **gizzard** [PSBE23]. **GLCM** [DLT+22]. **glider** [ACZ+21]. **GLM** [CKC+24]. **Global** [HRW+24, LB21, MBFS21, CBW22, COPM23, CYP+20, Cor20, CKC+24, HES+20, HES+23, KMH+21, LC20, LhNA+21, LhNA+22, LMW+23a, MLP+20, MPL+20, OHH+21, PG23, PSG+22, SQDM21, SMP20, TRMB20, XLM+23]. **global-scale** [CYP+20, Cor20]. **globe** [HHFB23]. **globosa** [LCMB21]. **goal** [NMV+23]. **goals** [GCMU23, NAM22, HL23]. **going** [ARSC22]. **golden** [BDP+23]. **Gompertz** [CMG20]. **good** [BCMV20, LJRM+20]. **Gorges** [XWX+24]. **governance** [PDW23]. **GPLake** [CDJ+22]. **GPLake-S** [CDJ+22]. **GPP** [SPPC21, YYS+22]. **Grabarnik** [Mea20]. **gradient** [ALS+21, NSS+23, SGTS21, SGTS23, SGCFB22]. **gradients** [BMS+20, LBGD21, OMP+23, RLS+24]. **grain** [COJ23, KFM+23]. **granularity** [OSH+21]. **grape** [EGAS23]. **grass** [HGBK23, PAdS+24]. **grasshopper** [LBGD21]. **Grasshoppers** [HSL+22]. **grassland** [HCP+20, LWL24, MTW+22, MPA+24, WHW+23, SOP22, WTT+21, Yu20, ZFT20]. **grasslands** [AG22, ACFM22, BAZ22, CSM23, DP20, HHT21, MPCG21, PSM+21, SHT21]. **grazer** [KWG+22b]. **grazing** [CSM23, JZS+21, ZGG22]. **Great** [KWM+24, ZFT20, AJ22, ABR24, BWS+20, KAT+22]. **greater** [OHP+23, ERP21]. **Greece** [LPD+20]. **green** [GZW+20, MKR20, RRCZ20, SBF+21, SSB22, SMV+20, SRB+20]. **green-lipped** [RRCZ20]. **greenhouse** [AAC20, BST+20, BWT+24, HCP+20, KMH+21, MTS+20, TQM+24, TCG+20, ZBH+22]. **greening** [WLZ+23b]. **greenspace** [CLY+23]. **grey** [CAB+21, HKG+24]. **grizzly** [GCS+21]. **gross** [GLK+22, GZD+23, HCX+21, KWP+23, ZZLF24]. **Ground** [ABC+22, EOÖ21, FSZ+20, FZS+20]. **ground-level** [EOÖ21]. **Ground-truthing** [ABC+22]. **grounds** [KiAM+20]. **Groundwater** [MSS24, Che21, ZSS20, BPN+20]. **groundwater-dependent** [ZSS20]. **group** [AIA+23, GAC+21]. **groups** [BLP20, NHGP23, RBGB23, vWVH20]. **grouse** [OHP+23]. **Growth** [KDC+21, dSMPA+22, dOPdMdS+21, VLGG+20, WXT+20, AZMD+22, AZAD+23, AXMJ22, AG22, AWW24, CZ21, CMG20, CAK+23, CMS+21, DHW+20, DMG22, DPC20, dMFOM+20, HMVR21, HGBK23, HFP22, Jia21, JASW23, KLS20, KAB23a, KABL21, KLA+20, KBAC20, LK24a, LM21, LZF21, LCMB21, MPSS24, MGHT20, MJ24, MFF+24, MLP+20, PCN+23, PKO+21, Pre22, RGB22, SE20a, SE20b,

SVK20, SGH+23, mSzZK+21, SMV+20, SRB+20, SLC+20, TMFV22, TKO+22, WYJ+22, YA24, YSFX23, ZYK22, ZS20]. **growth-maintenance** [AG22]. **Guangxi** [ZHJQ23]. **guarantee** [CKC20]. **guaranteed** [AZBdAI23]. **GUESS** [ERP21]. **guianensis** [dOPdMdS+21]. **guidance** [Gri20]. **guide** [BWCD23, DWG22, Tur20]. **guided** [HSJ+20]. **guideline** [SACEU+21]. **guiding** [PM22]. **guild** [CKC20]. **guilds** [LLZM20]. **Gulf** [BHC22, CGRR+24, MZLRSZ21, RWF22, WSFZ21, ZHJQ23]. **gull** [vdMvDSL20]. **gut** [LSL21]. **GWR** [ZSS21].

H [HKSM23]. **Habitat** [HSF+20, HK23, KWM+24, KLNMG22, YHC+21, BOLC+22, BHC22, BLLL21, BBSHC22, BG22, CWH+21, CLW23, CKK+24a, CKK+24b, CKK+24c, DL21, DSHB23, GVG+23, ILLM20, JLH+21, JHKT+23, JRD+22, LZD+24, LGA+21, LUT+24, MS23, OHP+23, PTNR+20, SvV21, SWW+23, SKH+20, WLZ+23a, WWF+23, WKL+21, WWCT24, Yao21, YXY+20, ZWL+21, cNKF24]. **habitats** [Che21, DTD+23, GRCSA+20, KE24, YDQ+23]. **Haliaeetus** [RM20]. **Haliotis** [DLZ+21]. **Handling** [LKPK22]. **Hanjiang** [XZZ+22]. **hannai** [DLZ+21]. **harbour** [WSL+22]. **hardcover** [Mea20]. **hardwood** [JLH+21, MLL20]. **hare** [LG20]. **Harmful** [KSJ22, CR24, CMKF22, CLH23, PTG+20, RFPRC23, SIOM24]. **harvest** [dSCdA21, DAG+21, DDL+20, SLLW21]. **harvested** [MLV24]. **harvesting** [BSE21, KLPJ24, NK23, PBH22, PHK23, SvV21, SM22a]. **harvesting-induced** [NK23]. **hatching** [LAK+23]. **hatchling** [LHDBN20]. **hazard** [AAAR23]. **healing** [LHL22]. **health** [PF23]. **heat** [KFM+23, SCH+21, ZOJ+23]. **heatwave** [SMV+20]. **heatwaves** [MKR20]. **heavy** [LLW+21]. **Hebei** [LZF21, LW23, ZLML20]. **Hediste** [GLA+20]. **Height** [SE20a, SE20b, HLS+23, HFP22, dAPdBMT23]. **heights** [IA23]. **Heihe** [XHS+24]. **helper** [GAC+21]. **hemimetabolous** [SKH+20]. **Hemiptera** [PTBFP+20]. **Henriot** [TCG+20]. **herbaceous** [MLJ+23]. **herbicide** [XGT+24]. **herbivore** [Hop23, WSN+21, YL22]. **herbivores** [GJC+20, RMK21]. **herbivorous** [PGdAM+20]. **HermaDEB** [LBS20]. **hermaphrodites** [LBS20]. **hermaphroditism** [MT23]. **hermaphroditism-dioecy** [MT23]. **heterocyst** [GSRB22]. **Heterogeneity** [GLH24, DPA21, LGFT+20, LP22, vDC20]. **heterogeneous** [BR22, PEFW20, PMP+21, SG20]. **Heterosigma** [SIOM24]. **hierarchical** [KWC24, PDGB21, SWF21, SKW23, WSL+22, WBD+22b]. **High** [BRC+21, LBGD21, YHC+21, AMP+23, AE22, ACZ+21, BGA+23, CJM+23, nCLpW+23, CDB+20, RSB+23, RPB+23, YXH20, vdHNH+20]. **high-boreal** [RPB+23]. **High-precision** [YHC+21]. **high-quality** [nCLpW+23]. **High-resolution** [LBGD21, AMP+23, RSB+23]. **Higher** [CLHZ22, RFF+23, CKC20, GJC+20, LDS+23, MT23]. **Higher-order** [CLHZ22]. **Highly** [DMGP20, FSY22, WGMR23]. **highly-biodiverse** [WGMR23]. **hilly** [ZBW+24]. **Himalayan** [BS20]. **Himalayas** [BWSS21]. **Hirst** [AFdSM23]. **hirundinacea** [ARSC22]. **Historical** [ZPZ+22, AG22].

histories [RPG20]. **history** [BMB21, CTL22, CP20, JOE23, KD20, NK23, SLYL+20, vDC20]. **history-dependent** [CTL22]. **hitchhiker** [DWG22]. **hive** [LBT+22]. **Hoeksche** [PRdN+20]. **holes** [BMB24]. **holey** [TTPA21]. **Homarus** [BHC22]. **homeostasis** [AKY+22]. **Honey** [LBT+22]. **honeybee** [MMC+21]. **Hopf** [NDNN22]. **host** [BRAL23, CLPZ20, MSLMM22, MM21, NWJ+22, Oku21, PTBFP+20, RWS+21, SE21, VSB22, ZMG+21, dGMCM+23]. **hosts** [Oku21]. **hot** [LLZM20, MZLRSZ21]. **Hotan** [CWY+24]. **hotspot** [BRC+21, ZZWF21]. **hotspots** [CXZ+23]. **hourly** [BH20]. **household** [GM23]. **housing** [CLY+23, JASW23]. **HSPF** [LKP+20]. **Huangguashan** [JLLS23]. **Hugo** [Pas21]. **human** [CBW22, CXZ+23, DYMD22, FMSR20, GMS+23, GRCSA+20, HL23, KCS22, MDP21, MPMT23, PMB+22, RGRMRR20, ST24, WG21, WFD23, YDQ+23, YPS+21]. **human-altered** [GRCSA+20]. **human-ecosystems** [RGRMRR20]. **human-natural** [KCS22]. **human-transformed** [MPMT23]. **humans** [AARS23, ZHC23]. **Humboldt** [CFG+22]. **humidity** [WBD+22b]. **humpback** [SWF21]. **hunter** [LP22]. **hunting** [CPAT20, KLPJ24, RRFLV+22]. **hurdles** [GSMD24]. **Hutchinson** [MYH+20]. **hybrid** [BOLC+22, CKK+24c, LNK+21, PR22]. **hybridization** [SCB+20]. **hybrids** [CKK+24a]. **HyDiaD** [BOLC+22]. **hydra** [dAdSCA20]. **hydraulic** [KSJ22]. **hydrocarbons** [ZYZ22]. **Hydrodynamic** [YHC+21, Che21, HSF+20, HLS+23]. **hydrodynamically** [SJH+23]. **hydrologic** [LHJ+24, TKO+22]. **hydrological** [GSA24, HLZ+22, LZD+24, NA22, ZRMW+20, dPGDdFS24]. **hydrology** [LMW+23b, NWO21, NO23]. **hydropower** [DYW+22]. **hyperallometric** [SGLK20]. **hyperbolic** [PSZ20]. **hypereutrophic** [DAQ20]. **hypotheses** [SGLK20]. **hypothesis** [Lef23]. **hypoxia** [FTH24]. **Hyrcanian** [LhNA+22, LhNA+21].

ibex [LGFT+20]. **IBM** [LBS20]. **ice** [DMdR24]. **ice-cover** [DMdR24]. **ideal** [Men22, dKS22]. **idealized** [KPLH24]. **ideas** [Ano20-49]. **identifiability** [SC21]. **Identification** [KT22, DTD+23, DBH+22, MP23, SGCFB22]. **identified** [BLB+20, KPLH24]. **identify** [MYACC22, OSH+21, SWW+23]. **Identifying** [BGCJ21, JASW23, KRM+22, MKEH20, XMWL23, BSU+23, KDC+21]. **Ignoring** [ŁKPK22]. **II** [BSPT23b, FZS+20]. **III** [ML20]. **Illustration** [RGB22]. **images** [CSZY+20, Lia23]. **imbalance** [BSCH23]. **immersed** [For20]. **Impact** [ELS23, JL23, JASW23, MSL+21, NO24, SLYL+20, AMK21, AFG24, BSS+24, BMB21, CdCAC+20, COJ23, CDN+23, CDJ+22, DAG+21, HHBF24, HMC20, HLS+23, JB22, KE24, LPSF24, LDXJ22, MGHT20, MTBB22, NA22, PDW23, QS23, RCCLMGV22, RBVL+20, SLB+23, TKO+22, VMH+21, Vas23, YLLL23, ZA20, ZYZ22, ZCJ+20, ZZLF24]. **impacted** [CDT+23, ZRMW+20]. **Impacts** [CP22, CPAT20, KWG+22b, XLS20, ZMF+20, BPW+21, BGS+20, BNAR+21, BRBT22, CRZ+23,

COPM23, CNSK21, Dav22, EBS23, ETAAH21, HKB+20, KBSS23, LCW+21, MCB+23, MGC24, MBD+22, MPA+24, PK23, PTG+20, WHW+23, SBS+20, SBS+21, SG20, SBWB24, TGRM23, TCS21, XCZ+20, ZXK+24]. **imperfect** [BR22, SOV21]. **implementation** [BGA+23, HKG+24]. **implemented** [BGA22]. **Implications** [BHC22, CR24, CNSK21, HKSM23, LRA+20, SE21, FEPR24, FLG+23, FTH24, RBEC21, Pas21]. **implicit** [AE22]. **import** [NO24]. **Importance** [FS22, ALS+21, CKK+24c, EJ20, GMS+23, HHT21, JHKT+23, NPK+23, WRC21, vdHNH+20]. **important** [MFF+24]. **imprecise** [XCZ+20]. **improve** [CSCT23, GZD+23, MVAD20, dRMJdS23, PTG+20]. **Improved** [HKY24, HCX+21, KWP+23, KBAC20, Ste20, WMA21, BA20, CWW+23, LCW+21, NYH20, dOPdMdS+21, SPPC21, Yu20]. **improvements** [LKP+20]. **improves** [BSCH23, CLW+24, JST+22, OW20, RFF+23]. **Improving** [AMP+23, ASKR24, BLSR+20, KMP+23, PGSL+20, SZPW23, SNM+23, WXX+23, YCI20, BGK+20, TCG+20]. **IMTA** [HK23]. **in-season** [HGBK23]. **in-silico** [PNGESS21, FCFCM24]. **in-water** [WWP20]. **inbreeding** [RMA+24]. **incidence** [CMSD+22]. **including** [DS24, HLZ+22, YEL+21]. **inconsistency** [Sak23]. **incorporates** [dAPdBMT23]. **Incorporating** [APF21, HML+22, WBD+22a, CL21, PGdAM+20, VRRI+24, WBD+22b, XYZR21, ZYK22, ZHC23]. **Incorporation** [ALJ+22]. **Increase** [AKM22, CAFT22, KHH+22, KHH+24]. **Increased** [cNKF24, FS22, GLH24, GGMR20, HHBF24, TCB21]. **increases** [ALJ+22, KKF+23]. **Increasing** [dGZHCA24, FWK+20, SQDM21, WGMR23, WLZ+23b]. **incubation** [CC20]. **independent** [HI22, PPH+21]. **indeterminate** [CMG20]. **index** [HKSM23, JPL21, PSZ20, ZSS20]. **India** [ESCA22, GMM20, JLV+21, MSG+21b, RSB+23, SD24, SPPC21]. **Indian** [LHH+24, BGC+24, HMVR21, KWP+23]. **indica** [AFdSM23]. **indicate** [ZZŠ+22]. **indicators** [WXX+23, ZMK+22]. **indices** [CSZY+20, GSJC22, XMWL23, ZMK+22]. **Indigo** [BGA22]. **Indigo-N** [BGA22]. **Indirect** [SWL+23, KMAA23, TBM+24]. **Individual** [APGD+21, EV22, MKS21, Mea20, PMP+21, RPG20, AVRC+20, AHO+20, APF21, BGS+20, CDB+20, CGVC21, CKK+24a, CKK+24c, DAB+20, DWH+21, EWE20, GRCSA+20, HBMR24, HKG+24, KCP+23, KD20, Koo24a, KWG+23, LGFT+20, LDC+20, LBI+20, LQH24, MSG21a, MSG23, dSMPA+22, MJ24, MPL+20, RFJ+22, TBM+24, WHE+24a, WHE+24b, WBW+20, WYBX23, WBD+22a, XJW21, YLS+21, ZMS20, ZFP21, Mea20]. **individual-** [RFJ+22]. **Individual-based** [APGD+21, EV22, MKS21, Mea20, PMP+21, RPG20, AHO+20, BGS+20, CGVC21, DAB+20, DWH+21, EWE20, GRCSA+20, HBMR24, HKG+24, KCP+23, Koo24a, KWG+23, LGFT+20, LBI+20, LQH24, MSG21a, MSG23, TBM+24, WHE+24a, WHE+24b, WBW+20, WBD+22a, ZMS20, Mea20]. **individual-level** [AVRC+20]. **individuals** [MOS21]. **Indonesia** [JASW23]. **induced** [dSBDH23, CBSB23, DBK20, GRAA22, GZ23, LPS+21, NK23,

SPPC21, YYS+22]. **industrial** [DS24, KHS+23]. **industrial-natural** [DS24]. **industry** [nCLpW+23, PAPŁ+23]. **inequality** [LMW+23a]. **inertial** [CGV22]. **infection** [CGB+23, CYP+20, Cor20]. **infections** [DEMJ24]. **infectious** [GMM+24, VSB22]. **infer** [GSM+20, JVGC21]. **inference** [ŁKPK22, TDI+20]. **inferences** [ATP20]. **inferring** [PDH+22]. **infestans** [FC21]. **infestation** [BDP+23, MM21]. **influence** [BHC22, BAM23, CKK+24c, FCFCM24, FDSM20, GAMN+23, IA23, JPMA+23, KN20, KCHZ21, LCM24, MLMI23, MSLMM22, NL20, QZSV21, RLS+24, SLB20b, SMD+20, SKH+20, WSM24, dAdSCA20]. **influenced** [KSJ22, XZZ+22]. **Influences** [CMFC23, SHT21, CBW22, CLW23, MFH+22, OHR+23, SC24a, SM22a, SZL+20]. **influencing** [LW23, XMWL23, ZSS21]. **influential** [BGCJ21, LBT+22]. **inform** [CSMP21, GML+20, WT20, WDW+22]. **Information** [LB21, SPV+20, ZL24, BAM23, HKB+20, HNC+21, LLW+21, MGK+23, MPMT23, RBMRR20, TTPA21, vWVH20]. **information-content** [MGK+23]. **informed** [HMGK20]. **Informing** [HCW+22]. **infrastructure** [SBF+21]. **inhabiting** [SBMF23]. **Inhibition** [MYH+20, FMRMAS24]. **Initial** [nCLpW+23]. **Initiative** [LMW+23a]. **inland** [XHS+24]. **inner** [KNP+21]. **innovations** [CAH22]. **Ino** [DLZ+21]. **inoculum** [MGHT20]. **inorganic** [NKT+20]. **input** [BS20, HLM+20, MDB+20, WHL+23, XLM+23, ZZŠ+22]. **input-output** [HLM+20, XLM+23]. **inputs** [HRW+24]. **Insect** [DBN+22, DMG22, DKM+21, MJ24, PSM+21, PGdAM+20, RTH+21, RCSS20, SE22, SKH+20, SM22b, dGMCM+23]. **insects** [CH22]. **Insights** [AADHA+23, dSCdA21, HSP+22, HCPG20, MAGR+22, PYD+21b, PTNR+20, RMV+24, ZWZ+20, HBMR24, JZJ+20, PSM+21, SLB+20a, dFT+20, LJRM+20, PYD+21a]. **inspires** [PSW22]. **instream** [KTB+23, LKP+20]. **instruments** [BAM23]. **intake** [vdMvDSL20]. **integer** [SRÁMH+20]. **integral** [JPL21, PSBE23, PFK+22]. **integrate** [MTBB22]. **Integrated** [BNAR+21, DKM+21, ETAAH21, BdCCdSAdS23, BMM22, DIS23, FMH+20, GLA+20, HK23, JZJ+20, KFM+23, KWG+23, LUV+23, LCMB21, LYM+23, MSS24, MJdORPG23, PBF+23, STW+23, SWW+23, SZL+20, WSL+22, Yao21]. **integratedly** [ZYK22]. **Integrating** [ATP20, Ano20-50, BKTM20, CLW+24, JPL21, MBFS21, PGP+22, SVK20, TPD+24, VRS20, WDW+22, WFD23, XJW21, CDB+20, LZW20, PTNR+20, SNP+23]. **Integration** [BLB24b, LUT+24, OW20, PRdN+20, BNN20, OCT+23, SKW23]. **integrity** [Gon23]. **Intelligent** [Lia23]. **intensity** [CP22, PAS23, TMNA20, ZLZ+24]. **intensive** [HLS+23, ZCJ+20]. **intentionally** [SM22b]. **inter** [CKK+24a, EVHS21, KD20, MPL+20, PSG21]. **inter-** [PSG21]. **inter-individual** [CKK+24a, KD20, MPL+20]. **inter-site** [EVHS21]. **interact** [KN20]. **interacting** [MAB23]. **interaction** [CWY+24, DYMD22, GGS+22, HFP22, JBF22, MVC+22, MM21, PVS+21, RUTY23, SGCFB22, SGRDA+24, TRMB20]. **interactions**

[ABM20, AM21, BANG20, BNN20, CLPZ20, CZ21, CLHZ22, CDNN+20, FHP+22, GGMR20, HFP20, KNP+21, LRA+20, LP22, MDP21, OMP+23, PSG21, PGSL+20, RBEC21, SCG+23, SGP+20, SLLW21, SPV+20, SPV+21, WPL+23, WMA21, WTT+21, YL22, YEL+21]. **Interactive** [KAB+23b, KPLH24, TSBE23, CVTS20a, CVTS20b, ZFC+23]. **interacts** [BSR21]. **interception** [LWL24]. **intercropping** [DDH+22, KKP+21]. **interdependent** [RK20]. **Interdisciplinary** [NPS+23, LWZL23, RFHR24]. **interface** [MD23, TGL+22, WPL+23]. **internal** [VJK+23]. **International** [Mea20]. **interplay** [AM21]. **interpolation** [RRFLV+22]. **interpolators** [RAB21]. **interpretability** [AZAD+23]. **interpretation** [AHH22, BM22a, LK24a, RSWS23]. **interpretations** [LPL22b]. **Interpreting** [AKY+22]. **interregional** [ZLML20]. **intersection** [LHDBN20]. **intertidal** [GSM+20, PR22, vdHNH+20]. **interval** [ALK20, NMV+23, RUTY23, ZZZD22]. **interval-valued** [RUTY23]. **intervals** [JPL21, LK24b]. **intra** [CKC20, RLM23]. **intra-annual** [RLM23]. **intra-guild** [CKC20]. **intraguild** [SM22a]. **intraspecific** [PSG21]. **Intrinsic** [MSML21, YZF20]. **intrinsically** [GZ23]. **intrinsically-induced** [GZ23]. **introduced** [SM22b]. **Inuit** [DSHB23]. **invadable** [MOS21]. **invader** [YB22]. **invaders** [MJS24, SG20]. **invading** [BAZ22]. **invasion** [AV22, Fou21, JL23, LBL22, MJS24, NL20, NTHC23, WLWL23]. **invasive** [CH22, JL23, LGG+22, LDXJ22, SLB20b, SWL+23, SC23, SBR20, TBP+23, dGMCM+23]. **invasiveness** [PBH22]. **inventory** [BSS+24, IBB+21, IBB+22, PPH+21]. **inversion** [TDI+20]. **investigate** [DHW+20, DPC20, MSG21a, MSG23, RWF22, Wu24]. **Investigating** [AAM+22, CZ21, HZ22, MGHT20, PDH+22, RSC+23]. **Investigation** [GCSlR22, RKN+21, WRC21]. **investigations** [CM21]. **Ionian** [RSC+21, RSC+23, LPD+20]. **ionising** [VSK+20]. **ionizing** [YXH20]. **IOP** [Pas21]. **IPH** [dPGDdFS24]. **Iran** [DYMD22, AAM+22, CMHZ23, ETAAH21, EGAS23, ENARM+23, KT22, NAM22, PK23, RSASP22, ZMK+22]. **irradiance** [SDP21]. **Irregular** [CMKF22, BMB24, JM22]. **irrigated** [GLK+22, JMPB24]. **irrigation** [GZD+23, HKH+23, LE23]. **irrigation-related** [LE23]. **irruptive** [STRC24]. **ISBN** [Mea20, Pas21]. **ISBN-13** [Pas21]. **Island** [LUV+23, SBS+20, WF24, CLW23, GCSlR22]. **Islands** [LPD+20, SOV21]. **issues** [PBH22]. **Italian** [GCMU23, NSS+23]. **Italy** [GMS+23, GSC+23, MEGA21, SBF+21, BBCD23, BARF20, CMHZ23, DSC+21, LPA+21]. **iterative** [FFM+23]. **iteroparous** [KK20]. **Ixodes** [WBD+22b].

January [Ano20e, Ano20q, Ano21e, Ano21q, Ano22q, Ano23q, Ano24i]. **Japan** [BWS+20, KiAM+20, NO23, TDI+20]. **Japanese** [HKSM23]. **japonica** [HKSM23]. **jellyfish** [EWE20, XFK21]. **Jiangsu** [KHS+23]. **joint** [MJS24]. **Jørgensen** [Fat21]. **JRR** [Fat21]. **July** [Ano20f, Ano20r, Ano21f, Ano21r, Ano22r, Ano23r]. **June** [Ano20g, Ano20s, Ano21g, Ano21s, Ano22s, Ano23s, Ano24j]. **Jurassic**

[PR21]. **Just** [PMZ+21]. **juvenile** [BdBG+21a, BdBG+21b, Koo24a, LLB+23, MBB20, MLP+20, SPB+24, SJH+23, WRC21]. **juvenile-driven** [Koo24a]. **JZB** [XCZ+20].

Kalman [CWW+23]. **Kamchatka** [PA20]. **Kansas** [AAR23]. **Karenia** [GSJ+22]. **Karst** [ZHJQ23]. **Kashgar** [WFW+24]. **Keeping** [KAT+22]. **Kelp** [VLGG+20, SMS+24]. **Kemp** [SPB+24]. **Kenya** [GVG+23]. **Kerguelen** [APGD+21]. **kernel** [PSW22]. **Key** [YG21, CAK+24, CNSK21, GAC+21, GRCSA+20, KDC+21, XMWL23]. **keystone** [HNC+21]. **Kheyrud** [ETAAH21]. **Khuzestan** [ENARM+23]. **Kinetics** [GSJ+22, AZAD+23]. **Kingdom** [Pas21, KLA+20]. **kiwifruit** [CMHZ23]. **knowledge** [CMGD+22, DSHB23, JZS+21, MS20, PRdN+20, VRS20]. **known** [BGS+20]. **Korean** [WLT+23]. **krige** [BMB24]. **krill** [BMB21]. **Kuznets** [LMNV20].

L [LhNA+22]. **L.** [EVT+21, GRAA22, LhNA+21, PAPŁ+23, SWHZ22, SKW23, WSHZ24]. **laboratories** [Tur20]. **laboratory** [AZMD+22, LEC+23, SGH+23, VN23]. **labrax** [WBW+20]. **lack** [ZOJ+23]. **lactuca** [LFN+20]. **Laemophloeidae** [AJJ24]. **lagoon** [AACCIS20, CMGD+22, PGB+20]. **Lagos** [EON23]. **Lagrangian** [LWE+22, LEC+23, TMNA20, WSW23]. **LAI** [CSZY+20]. **lake** [AJ22, BGCJ21, CDJ+22, FWK+20, GPN+23, HSJ+20, KUK+21, TSUY23, Tsy22, WLLW20, WLQ+23, WPL+23, ZZŠ+22, ZWZ+20, DMdR24, DVVH21, HSF+20, KKH+24, MSL+21, MFH+22, SLB20b, TGRM23, WCG+24, ZYZ22]. **lake-floodplain** [TSUY23]. **lake-scale** [AJ22]. **Lakes** [DMdR24, EL21, LCLG20, Ste20, YXY+20, AJ22, KWM+24, KAT+22, LHJ+24]. **Lakeshore** [SOV21]. **Lamellidens** [GMM20]. **lampreys** [AJ22]. **Lancang** [WLZ+23a]. **lance** [SWF21]. **Land** [LZW20, MTP+20, TLH+20, ABC+22, CP22, COS23, CPTD22, CLG20, DSC+21, DWG22, Fou21, GZK+20, HAZEF23, JLH+21, JLLS23, JHL23, KMH+21, KMP+23, LBGD21, LZSQ20, Lia23, LSS+21, LLW+21, MTZA23, NMV+23, NAM22, PHL20, RSASP22, SBM+22, SWP+23, TGRM23, TGL+22, USA21, WWC+22, WMA21, WFW+24, YPS+21, YKZ+23, ZLLZ24, ZHWZ23]. **land-based** [CLG20]. **land-cover** [WWC+22]. **Land-Use** [TLH+20, LZW20, CP22, COS23, JHL23, RSASP22, WWC+22]. **land-use-based** [DWG22]. **land-use/cover** [COS23]. **land-use/land-cover** [WWC+22]. **lands** [ESCA22, TSBE23]. **Landscape** [DLT+22, HBP+21, MTP+20, dMT23, AJG22a, AJG22b, AGP20, BSR21, CWY+24, FFM+23, FHP+22, GLH24, GSMD24, HMDO20, JSL+20, KS22, Kos22, LDR+20, LRA+20, LP22, LZL23, MPMT23, MS23, MTZA23, OW20, PTRP23, SZPW23, SMS+24, XMWL23, ZBW+24, cNKF24]. **Landscape-scale** [HBP+21]. **landscapes** [BWCD23, DYMD22, KLNMG22, LPD+20, MSLM+24, MGdM+20, MMMS23, SJA+22, VBH20, WGMR23]. **LandSDS** [LZW20]. **Laplace** [WSL+22]. **larch** [GHK23]. **large**

[BS21, BdCCdSAdS23, DYW+22, GCB+22, GJC+20, GMM+24, LBGD21, LEC+23, PTRP23, PBS21, WPL+23]. **large-scale** [GMM+24]. **Larger** [CDC+22]. **Larimichthys** [RJY+20]. **Larix** [XLS20]. **Larus** [ILLM20]. **larvae** [GMM+24, JPMA+23]. **larval** [CMFC23, PYD+21a, PYD+21b]. **last** [BPL+20]. **late** [HEL+21, PR21]. **Latent** [Por21]. **laterally** [Che21]. **latissima** [VLGG+20]. **latitude** [ALJ+22]. **latitude-adjusted** [ALJ+22]. **latitudinal** [NSS+23]. **Laurentian** [KWM+24]. **law** [KLS20, XJW21]. **layer** [FSZ+20, FZS+20, TMNA20]. **layout** [LBT+22, ZZQ23]. **lconnect** [MS23]. **leaching** [BGA22]. **lead** [JJN22]. **leads** [CMA23, HKY24]. **leaf** [CLW+24, HKSM23, KHH+22, KHH+24, Mas23, MLJ+23, NYH20, PTF23, PCN+23, PKO+21, PNGESS21, SLHB+23]. **leaf-appearance** [PTF23]. **Learning** [Ano20-51, ASKR24, ASHK22, BSCH23, CAK+23, CAK+24, EOÖ21, GZD+23, HSJ+20, KKW+21, Lia23, MBFS21, PBS21, RSWS23, RFPRC23, SPV+21, TK20b, WLY+23, WCSX22, WKL+21, WrJP+22]. **Learning-by-doing** [ASKR24]. **least** [PCK+22]. **leatherback** [CMG20]. **Lei** [ZCJ+20]. **leishmaniasis** [ZMG+21]. **lemuru** [PYD+21b, PYD+21a]. **length** [BPK+20, LCMB21]. **lens** [DK22]. **Leslie** [SQDM21]. **Lesotho** [RMO22]. **Less** [XGT+24, TSdOCV21]. **lesser** [BGS+20, vdMvDSL20]. **lesser-known** [BGS+20]. **lesson** [Fou21]. **Lessons** [For24, LBGD21]. **Level** [Por21, AVRC+20, EOÖ21, LYL+24, PPH+21, PR22, STW+23, TLC+22, VSS+22]. **levels** [CCH20, DBK20, Jor22, LYC+21, PCK+22, SKW23]. **leveraged** [YA24]. **Lianas** [dFT+20]. **library** [LQH24]. **lice** [EVHS21, GMM+24, MM21]. **Liebl.** [EVT+21]. **Liebl./Quercus** [EVT+21]. **Life** [JOE23, AZAD+23, BMB21, CMGD+22, CTL22, CP20, EL22, HKG+24, KD20, KBSS23, LUT+24, MFF+24, NGA+20, NK23, RPG20, SLYL+20, SINS22, vDC20]. **life-histories** [RPG20]. **Life-history** [JOE23, KD20, NK23, SLYL+20]. **lifespan** [KN20]. **Light** [SBMF23, BWCD23, HMC20, PNGESS21, SMS+24, TMNA20, Yu20]. **light-climate** [HMC20]. **likelihood** [NT23]. **likely** [WWA+22]. **limitation** [LLB+23, SGH+23]. **Limited** [NK23, HKB+20, HLW+20, HLZ+22, ZWL+21]. **limiting** [CKK+24b]. **limnology** [DBK20]. **limpet** [GSM+20]. **linear** [SDD+20]. **lines** [CDC+22]. **link** [MGWG22]. **linkages** [MFPIBGES23]. **Linking** [HKH+23, JTH24, JLH+21, KWG+22a, AB21, Jor22]. **links** [AS22, MPMT23]. **Liolaemus** [NMGFOB21]. **lipped** [RRCZ20]. **list** [SCACB23]. **literature** [MMRBLN20]. **Litopenaeus** [dMFOM+20]. **litter** [LDXJ22, MLJ+23, SLHB+23]. **Liulin** [ZZLF24]. **lived** [LGK+23]. **livelihoods** [CNSK21]. **lives** [SCH+21]. **livestock** [GJC+20, JST+22, MTS+20, MD23]. **Living** [BLP20, TLH+20, ZZQ23]. **LMfireCF** [ERP21]. **loading** [CR24]. **loadings** [WCG+24]. **loads** [NA22]. **Lobesia** [AZMD+22, AZAD+23, CdCAC+20, PSM22]. **lobster** [BHC22, HBMR24]. **local** [CMGD+22, LSL21, MSL+21, MAGR+22, MKEH20, MM21, OZSU22, PDW23, PRdN+20, PDGB21, RLS+24]. **localized** [VRW+21]. **location** [LDC+20]. **locations** [MGK+23]. **lock** [EOÖ21]. **lock-down** [EOÖ21]. **locust** [LAK+23, SGV+24]. **Loess**

[SZL+21, TGL+22, WXT+20, YLLL23]. **Loggerhead** [MZLRSZ21, CRZ+23, PTD+23]. **logging** [BSS+24]. **LoggingLab** [BSS+24]. **logic** [DSHB23]. **Logistic** [SLC+20, KAB23a, PSG21, YXY+20]. **Lombard** [RCCLMGV22]. **London** [CCH20]. **Long** [RSASP22, ABH+20, BLB+20, DYMD22, FMRMAS24, JLV+21, JSD+22, PKO+21, SZ20, YSIB24]. **long-range** [FMRMAS24]. **Long-term** [RSASP22, ABH+20, BLB+20, DYMD22, JLV+21, JSD+22, PKO+21, YSIB24]. **longiceps** [HMVR21]. **longleaf** [JLH+21, SLHB+23]. **look** [BBSHC22]. **loop** [AIA+23]. **loops** [RGRMRR20]. **Lorestan** [AAM+22]. **loses** [MKN23]. **loss** [ALK20, JRD+22, LSL20, LAK20, MMdP+21, cNKF24]. **losses** [LLLZ21, SAdA+22]. **Lotka** [NMGFOB21, SIOM24]. **Low** [HP20, MTL+23, RM20, Lef23, LCM24, MDB+20, YXH20, ZBW+24, ZL24]. **low-dose** [YXH20, ZL24]. **low-input** [MDB+20]. **lower** [GZ23, MJdORPG23, LUT+24, XZZ+22]. **lowland** [HCPG20]. **Loxodonta** [DDG+21]. **LPJ** [ERP21]. **LPJ-GUESS-LMfireCF** [ERP21]. **LSTM** [ZHWZ23]. **Ltd** [Pas21]. **LUCIA** [WMA21]. **lupus** [HKG+24]. **Lycium** [SWHZ22, WSHZ24]. **lysis** [KPLH24].

Macau [XWZ+22]. **Machine** [Ano20-51, CAK+23, ASHK22, BSCH23, CAK+24, GZD+23, HSJ+20, KKW+21, MBFS21, RSWS23, RFPRC23, WKL+21]. **Machine-learning** [CAK+23, BSCH23]. **Macro** [RTH+21, NO23]. **macro-** [NO23]. **Macro-symbiosis** [RTH+21]. **macroalga** [LFN+20]. **macroalgae** [VN23]. **macroecology** [GRS+20]. **macroscopic** [ZZWF21]. **magnitude** [CGB+23]. **main** [BNAR+21, HLW+20, RJY+20]. **Maine** [BHC22]. **mainland** [ZXK+24]. **maintained** [SLHB+23]. **maintaining** [MSG21a]. **maintenance** [AG22, MJ24]. **maize** [AMK21, dSBDH23, GLK+22, GZD+23, VSS+22, WXH+22, KFM+23]. **Making** [CSMP21, For20, BVR+20, GZK+20, JST+22, MTW+22, PBS21]. **Malaba** [COS23]. **Malakisi** [COS23]. **malaria** [KE24]. **Malayer** [KT22]. **males** [HLB+20]. **mallards** [WWF+23]. **mammal** [Dav22, JSD+22]. **mammals** [TSdOCV21]. **Managed** [Dav22, ACFM22, BLL+23, DS24, MPCG21, SLB+23]. **Management** [Ano20-51, Mea20, ABH+20, AZBdAI23, BH21, BAM23, BM21, CSMP21, CAB+21, DBN+22, GSC+23, HKH+23, HAZEF23, JLH+21, LWZL23, LCMB21, MLV24, MVC+22, MJdORPG23, NGE+21, PGP+22, PPH+21, dOPdMdS+21, PSM+21, Pre22, RS23, SRÁMH+20, SAL+22, SFGB23, STW+23, TSBE23, WBW+20, Yao21, YKZ+23, ZCJ+20, ZBH+22, Mea20]. **Management1** [LL22]. **Managing** [BSU+23, FTH24, Lov24, MAB23]. **manatee** [Che21]. **MANGA** [BPN+20]. **mangrove** [LK20, ZRMW+20, BPN+20]. **Manning** [HLS+23]. **map** [DLT+22, PTRP23, WHdBB21]. **Mapping** [EON23, GCS+21, DK22, PDGB21]. **maps** [LCP+20]. **March** [Ano20h, Ano20t, Ano21h, Ano21t, Ano22t, Ano23t, Ano24k]. **margaritifera**

[SLYL+20]. **margin** [LWL24]. **Marginal** [Men22, ESCA22]. **marginalis** [GMM20]. **marginalized** [KCS22]. **marina** [SIOM24]. **Marine** [BDA+20, BWS+20, BARF20, CMGD+22, CBG+22, CNNS+21, DS23, Dav22, FSY22, GRGHM21, GDC24, HZ22, HES+20, HES+23, JPMA+23, JSD+22, KKPR20, LLB+23, MS20, MBFS21, MSML21, MMRBLN20, MZLRSZ21, MFF+24, MBD+22, RUTY23, RAB21, SBS+21, SMV+20, WA20, YD20]. **Marion** [GCSlR22]. **maritima** [HBP+21]. **maritime** [YD20]. **marketability** [CLY+23]. **Markov** [LM23, SOV21]. **marsh** [LBGD21, QZSV21]. **marten** [SWL+23]. **Maryland** [BRBT22]. **mass** [GRGHM21, LGA20, RWF22]. **MASTIFF** [MBG+22]. **masting** [VK24]. **Mate** [WZWF20]. **material** [LZF21]. **maternal** [CLW23, CC20]. **math** [KAT+22]. **Mathematical** [GGS+22, LJP+22, WGAH22, BDP+23, BCMV20, EBS23, GAC+21, GRAA22, Ino22, RCCLMGV22, RWF22, SE20a, SE20b, SvV21, ST24, WPL+23, YXY+20]. **mathematics** [ZWL+21]. **matrices** [TK20a, TTPA21]. **Matrix** [TK20a, CCJK+20, CP20, LKO20, LSG21, PTG+20, SCB+20, SdlP20, XYZR21, dVDC20]. **Matt** [EVT+21]. **matter** [AB21, FMSR20, WTT+21]. **matters** [BS20, Fou21, RWS+21, VVH+20]. **Mauve** [EWE20]. **MaxEnt** [HPMB20, SRTS20, SM22b, ATP20, SC24a]. **maximize** [DGVVP23]. **Maximum** [dSCdA21, AKM22, GCS+21, HMDO20, dRMJdS23, dAPdBMT23, RLM23, WT20, XJW21]. **May** [Ano20i, Ano20u, Ano21i, Ano21u, MBD+22, Ano22u, Ano23u, Ano24l]. **mayfly** [KFJS20]. **MCDA** [USA21]. **MCDM** [LJ21]. **meadow** [ALS+21, PR22]. **mean** [Dav22]. **measure** [RP22]. **measured** [AAR23, GCSlR22]. **measurements** [ASHK22]. **measures** [JTH24]. **Measuring** [DPA21, GPN+23]. **mechanical** [MLMI23]. **mechanical-ecohydrological** [MLMI23]. **mechanics** [YEL+21]. **mechanism** [BGA+23, CR24, DDH+22, SIOM24, SZL+21, YXH20]. **mechanisms** [SINS22, ZXK+24]. **Mechanistic** [SMS+24, BPW+21, BGA22, CSBS21, EJ20, HMGK20, HZ22, HFSL+24, KN20, KBAC20, LLC+24, MK21, MJ24, MLJ+23, MBG+22, MOS21, RBEH21, dAWG23]. **mechanized** [NGA+24]. **media** [PDW23, PAS23]. **media-based** [PAS23]. **mediate** [SM22a]. **mediated** [VVH+20]. **Mediterranean** [RSC+21, RSC+23, AACCIS20, BRC+21, BCMV20, DAQ20, LPD+20, MTL+23, PGSL+20, SBF+21, SMD+20]. **Mediterranean-type** [AACCIS20]. **megafauna** [RAC+24]. **meiofauna** [vdHNH+20]. **Mekong** [LUT+24]. **melitensis** [LGFT+20]. **mellifera** [JSL+20, LBT+22]. **Membracidae** [PTBFP+20]. **memorized** [Sak23]. **memory** [RBGB23, SZ20, TPD+24]. **Mercury** [CB20]. **Merging** [RBEH21]. **Meriones** [ZMG+21]. **mesic** [ZFT20]. **Mesocarnivores** [SOV21]. **mesopelagic** [CGRR+24]. **mesotidal** [CMGD+22]. **Messina** [SGP+20]. **meta** [NMV+23, OKS+21, RLS+24]. **meta-ecosystem** [RLS+24]. **meta-ecosystems** [OKS+21]. **meta-goal** [NMV+23]. **metabolic** [CMA23, GSM+20, KN20, LK24a, MTS+20, SGLK20, VVH+20, XJW21].

metabolism [BMB21, BCW+23, CLG20, EL22, LZF21, MKS21, WZZF23]. **metacommunities** [AE22, LQH24]. **Metacommunity** [BACS22, LBL22]. **MetaIBM** [LQH24]. **metal** [LLW+21]. **metallophyte** [BMS+20]. **metamodelling** [CGVC21]. **metamorphosis** [PDG+20]. **metaphor** [SGPSzC22]. **metapopulation** [FdKO21, FAC22, NTHC23, RGB+23, SdlP20, BGC+23]. **metapopulations** [BSR21, TA20]. **meteorology** [JPL21]. **methane** [SMM+22]. **method** [AAM+22, DL21, For20, FG21, KFM+23, KK20, ML20, MSS24, PMZ+21, SSM24, SZ20, SDH21]. **Methodological** [SLB+20a, DBDR22, dMT23]. **Methods** [Mea20, AIA+23, GZD+23, JL23, LGK+23, MDT+23, WT20]. **metric** [GAM20, OW20]. **metrics** [GSJC22, GWH20, SBFBDM24, SDSP+21]. **metrix** [CC23]. **Metropolitan** [MTP+20, AXMJ22, BBCD23, NSS+23, WWC+22, SBF+21]. **Mexico** [CGRR+24, MZLRSZ21, RWF22, WSFZ21]. **MFA** [GM23]. **MGB** [dPGDdFS24]. **MGB-IPH** [dPGDdFS24]. **Michigan** [SLB20b]. **micro** [KKP+21, NO23, PCK+22]. **micro-organisms** [KKP+21]. **micro-plastics** [NO23]. **micro-scale** [PCK+22]. **Microbial** [MSL+21, AKY+22, KAB+23b, KKPR20, MKN23, YXH20]. **microbiome** [LLZM20]. **microbiota** [LSL21]. **microclimate** [MK21]. **microclimates** [SVK20]. **Microclimc** [MK21]. **Microcystis** [DAQ20]. **microphytobenthos** [vdHNH+20]. **microphytobenthos-meiofauna** [vdHNH+20]. **microplastics** [BRBT22]. **Micropterus** [LBI+20]. **microsimulation** [MKR20]. **mid** [KKW+21, WWF+23]. **mid-continent** [WWF+23]. **middle** [XMWL23, XZZ+22]. **Middle-lower** [XZZ+22]. **migrating** [HBMR24, KTB+23]. **Migration** [WWA+22, AKM22, ASL+20, BdBG+21a, BdBG+21b, CSB22, DLY+22, Fer23, KiAM+20, MBB20, NPS+23, PTD+23, PMB+22, SdlP20, SJH+23, WGK+21, ZLL+23]. **migratory** [ARSC22, DAB+20, SGA22, SGV+24, XCH+21]. **mikimotoi** [GSJ+22]. **milk** [OZSU22]. **Mill.** [SKW23]. **Minas** [MRR+20, dPGDdFS24]. **MinBAR** [RPT21]. **Mini** [OKS+21]. **Mini-review** [OKS+21]. **minimal** [RPT21]. **minimalistic** [DDDC21]. **Minimizing** [MTS+20]. **mining** [LLW+21]. **mirabilis** [HBP+21]. **mismatch** [AAR23]. **missing** [JM22, ŁKPK22, MGWG22, RBVL+20, SPV+20]. **Mississippi** [WWF+23]. **Missouri** [BGK+20]. **mite** [MMC+21]. **mites** [TCG+20]. **Mitigating** [LG20]. **Mitigation** [CDN+23, CLG20, MLV24, NMC+20]. **mixed** [DMGP20, HMC20, LhNA+21, LhNA+22, MTZA23, SRÁMH+20, SMD+20, TMNA20, WLT+23, YSIB24]. **mixing** [EVT+21, KUK+21]. **mixoplankton** [SGTS21, SGTS23]. **mixotroph** [CR24]. **mixotrophic** [LBPL20]. **mixotrophs** [CMA23]. **mixotrophy** [CR24]. **mixtures** [Pre22]. **mobile** [FdKO21, FSY22]. **mode** [KS22]. **Model** [BWT+24, DLT+22, KUK+21, KAT+22, LWL24, PKB+23, RSB+23, RCSS20, TLH+20, Tur20, YHC+21, AJG22a, ABKA24, Abe20, AB21, AZMD+22, AZAD+23, AXMJ22, AE22, AS22, AM22, APGD+21, ABC+22, ACZ+21, AACCIS20, BSR+23, BSPT23a, BSPT23b, BOLC+22, BDP+23,

BLA+24, BAAN24, BMB24, BKTM20, BPN+20, BGS+20, BANG20, BGR20, BGA+23, BGCJ21, BA20, BGC+23, BMBB24, BGA22, BST+20, BWS+20, BNN20, BAM23, BRBT22, BLSR+20, BAZ22, BCMV20, BSM23, BRAL23, BARF20, BDA+20, BGC+24, BTC+22, CMGD+22, CGRR+24, CM21, CBG+22, CdCAC+20, CDJ+22, CHR+23, COS23, Che21, CJM+23, CWW+23, CXZ+23, CVTS20a, CVTS20b, COPM23, CAK+24, CNNS+21, CGVC21, CMS+21, CYP+20, Cor20, CSB22, CAB+21, CDC+22, CFG+22, DS23, DHW+20, DBK20, DAG+21, DDH+22, DGSM21, DGVVP23, DDG+21, DP20, DBN+22, DDDC21, DLZ+21, DVVH21]. **model** [DWH+21, EL21, EWE20, EBMK20, EHS+20, EL22, EBS23, ERP21, ESZ+23, FMH+20, FC21, FFM+23, FEPR24, FMRMAS24, FAC22, FSZ+20, FZS+20, GSR+23, GAMN+23, GMM20, GSC+23, GGMR20, GRAA22, GRCSA+20, GSRB22, GWD+23, HMGK20, HMVR21, HLZ+22, HBMR24, HRW+24, HBC+22, HML+22, HL23, HES+20, HES+23, HH23, HEL+21, HGBK23, HCP+20, HFSL+24, HLM+20, HCX+21, HLS+23, HFP20, HFP22, JvVvHH24, JTH24, JLH+21, JMHH22, JGG23, JLV+21, JPL21, Jia21, JZHT23, JHKT+23, JSL+20, JSD+22, KiAM+20, KAMS22, KMH+21, KAB23a, KN20, KCP+23, KABL21, KWG+22a, KE24, KKF+23, KMP+23, KS22, KD20, KKH+24, Koo20b, KWG+23, KTB+21, KWP+23, KPLH24, KKPR20, LTR+24, LGFT+20, LE23, LDR+20, LFN+20, LUV+23, LLC+24, LPSF24, LKP+20, LBGD21, LBI+20, LYC+21, LJP+22, LWE+22, Lia23, LDX+23, LZW20, LCW+21, LPS+21, LWZL23, LNK+21, LYL+24, LGA20, LCMB21, MK21]. **model** [MKR20, MT23, MS20, Mat23, MHP+23, MJ24, MSML21, MLJ+23, MSLMM22, MBG+22, MTBB22, MVAD20, MOS21, MLV24, MZLRSZ21, MFF+24, MJS24, MMMS23, MPCG21, MPL+20, MPA+24, NWO21, NO23, NHGP23, NGA+20, NDNN22, NT23, NYH20, NTHC23, NMGFOB21, OFH+20, OHR+23, PBF+23, PG23, PDH+22, PFM+21, PVS+21, PSM22, PSG21, PSBE23, PDD+22, PPH+21, PTG+20, PGB+20, PMB+22, PAdS+24, PMP+21, PGdAM+20, PR22, dAPdBMT23, PM22, QZSV21, RSWS23, RCCLMGV22, RWF22, RFCEL22, RFJ+22, RBMRR20, RJY+20, RUTY23, RBEH21, RMA+24, RRSG21, RGB+23, RGB22, RBVL+20, SBS+21, SLHB+23, STQ+22, SJA+22, SSM24, SFGB23, SvV21, SBM+22, SMM+22, SWHZ22, SIOM24, mSzZK+21, SACEU+21, SHF24, SWW+23, SWP+23, SDH21, SJH+23, SNP+23, STRC24, SBWB24, SRB+20, SDP21, SBR20, SM22b, TBCV22, TBP+23, TWL+22, TLL+23, TSUY23]. **model** [TBM+24, TDI+20, TKO+22, TSBE23, TK20b, VRRI+24, VMH+21, VVH+20, VJK+23, VRS20, VSS+22, WBW+20, WRC21, WYJ+22, WHL+23, WLQ+23, WPL+23, WSW23, WSHZ24, WYBX23, WMA21, WBD+22a, WWF+23, WCSX22, WWA+22, WKL+21, XYZR21, XLS20, XCZ+20, XLM+23, YDQ+23, YRK+20, YXY+20, YLS+21, Yu20, YCI20, ZMG+21, ZYZ22, ZZZD22, ZPZ+22, ZZQ23, ZLLZ24, ZL24, ZHWZ23, ZHC23, ZGMFESD23, ZS20, dGZHCA24, dPGDdFS24, dVDC20, dFT+20, BSPT23a, BSPT23b, DBDR22, dKS22, AJG22b]. **Model-based** [KUK+21, JvVvHH24, WRC21]. **modeled** [AAR23]. **Modeling**

[AJG22a, ASHK22, AV22, ABM20, ABRG21, AVP+23, BMAME+23, BLLL21, BP21, BWCD23, CRZ+23, DTR+22, DCT+21, DAG+21, GSR+23, GM23, HHI+22, Hop23, JLV+21, JMPB24, KRMP23, KCS22, LSA+21, LSL21, LCLG20, LSS+21, LGL+24, LCM24, LDXJ22, MPSS24, MEGA21, MCB+23, NKT+20, NAM22, PK23, PBH22, PZH+21, QS23, RBLS23, RRP+23, RKN+21, RGD20, SGTS21, SPB+24, SBF+21, SCH+21, SINS22, SWP+23, SDP21, TCB21, Tsy22, VRW+21, Vas23, VLGG+20, WXH+22, WLY+23, WSW23, YFW+21, YEL+21, ZRMW+20, AGS+21, AGS+22, AHO+20, BZZT22, BdCCdSAdS23, BPL+20, CAK+23, CAH22, CKC+24, DAQ20, EOÖ21, EVHS21, ELS23, EV22, ERP21, dMFOM+20, For24, GCB+22, GSA24, HBP+21, HZ22, HPMB20, HMDO20, HSD+21, HCPG20, JZS+21, JMC+22, JM22, KKP+21, KFJS20, KLPJ24, KBAC20, LJRM+20, LBB20, LJP+22, LGA20, LUT+24, MGC24, MVC+22, NBML21]. **modeling** [NA22, PGP+22, dOPdMdS+21, Pre22, PCK+22, RMV+24, RK20, RFHR24, RFF+23, RBEC21, RBEH21, SAL+22, SLYL+20, SLC+23, SHT21, SOV21, SC21, SKH+20, TSdOCV21, WDW+22, ZOJ+23, ZL24, ZWZ+20, vdHNH+20, vdMvDSL20, AJG22b, SGTS23]. **Modell** [BS20]. **modelled** [CLW+24, GHK23, JOE23, KHH+22, KHH+24, MPPM23]. **Modelling** [ABH+20, AGP20, ABR24, BJKT21, BH21, BLL+23, BAR20, BGA22, CH22, CBW22, COJ23, CDN+23, COS23, CVTS20a, CMG20, CIL+20, CSB22, DYMD22, DMM+23, EWE20, FMSR20, GMM+24, GRGHM21, HLB+20, HES+23, KWC24, KTB+23, KHH+24, LE23, LK20, LRA+20, LBPL20, MLMI23, MAN+20, MSLM+24, MMMS23, NSS+23, NHGP23, NS20, NPK+23, NTHC23, Pas21, PEFW20, PKO+21, RPB+23, RSC+21, SBS+20, SE20a, SGP+20, SLB+20a, SGTS23, SLB20b, SPPC21, SML+20, TGRM23, VMM+21, VSK+20, WHE+24a, WWP20, WXT+20, YLLL23, ZSS20, dAWG23, vWVH20, AADHA+23, AMK21, Ano20-50, BdSG+23, BPW+21, BRC+21, BdBG+21a, BdBG+21b, BS20, CFL+22, CDNN+20, CSMP21, CN20, DTR+22, DIS23, DK22, DKM+21, DWG22, DSHB23, FSY22, FLG+23, GDF22, GGS+22, GCS+21, HKB+20, HSP+22, HHT21, HK23, KFM+23, KWM+24, KWG+22b]. **modelling** [Kos22, LG20, LQH24, LSG21, MSG21a, MSG23, MSL+21, dSMPA+22, MAD+20, MDP21, MDB+20, MTW+22, MFPIBGES23, MTT22, MSS24, MM21, NMC+20, OBFH22, PTRP23, PBS21, PMP+21, PGSL+20, RS23, RPG20, RFPRC23, dSRDC+23, RLdM20, RAC+24, SCB+20, SRTS20, SVK20, SACEU+21, SCACB23, SWF21, SGA22, SC23, TMNA20, WG21, WT20, YKZ+23, ZMS20, ZJEG24, ZLL+23, vOVvdW23]. **Models** [ECC+22, AHH22, AJ22, AMP+23, ABB23, AS22, ATP20, AFdSM23, AWW24, ALJ+22, ASKR24, ACFM22, BM22b, BM22a, BLB24b, BSCH23, BMM22, BWSS21, BLSR+20, BG22, BVR+20, CSZY+20, CSBS21, CCJK+20, CWH+21, CDB+20, CIL+20, CPTD22, dSCdA21, CKC+24, CKK+24c, DMG22, DAB+20, DRZ+24, EJ20, FDSM20, Fou21, FHP+22, GVG+23, GSH+22, GWH20, GML+20, GSM+20, GLK+22, GSMD24, HKH+23, HFSL+24, Ino22, IBB+21, IBB+22, Jag20, JJN22, JZJ+20, KWC24, Kle23, Koo24a, LL22, Laz23, LEC+23, LK24b, LPHO+20, LKO20,

MLD+23, MKS21, MGK+23, MYACC22, Mas23, MBFS21, MMRBLN20, MVAD20, MBS22, MBD+22, NGE+21, OTR+21, OHH+21, OCT+23, OHP+23, OW20, OKS+21, PGP+22, Pie23, PAB+22, PFK+22, PTNR+20, RSWS23, RRCZ20, RPT21, RRFLV+22, SdlP20, SVK20, SOV21, SKW23, SE22, STW+23, SBFBDM24, SSB22]. **models** [SGRDA+24, SDP23, Ste20, TMFV22, TQM+24, TCG+20, TGL+22, Tur20, VRS20, WHE+24a, WHE+24b, WSM24, WSL+22, WTT+21, WBD+22b, WFD23, ZZŠ+22, ZFP21, dAdSCA20]. **modern** [Ano20-49, SACE+20]. **modes** [BDC+22]. **Modified** [TLC+22, VK24, BPB+20, CMG20, LWZL23, NS20, YXY+20]. **modulate** [TRMB20, VBH20]. **module** [TGB+23]. **modules** [SWW+23, ZMF+20]. **moist** [KWP+23]. **moisture** [AJJ24, HKH+23]. **moment** [BLP20]. **Mongolia** [NWO21]. **Mongolian** [ZYM+21]. **monitoring** [JZJ+20, LL22, LM23, LGK+23, PSZ20, WDW+22, WrJP+22, Yao21]. **Monod** [WGAH22]. **monodon** [BAAN24]. **monoxide** [KKPR20]. **monsoon** [NDNN22]. **montane** [ZLL+23]. **montdorensis** [TCG+20]. **Monte** [PM22, SDH21]. **Monte-Carlo** [PM22, SDH21]. **monthly** [WHL+23]. **moose** [EBS23, KAMS22]. **morhua** [JOE23]. **Moroccan** [RKN+21]. **Morocco** [JB22, ECC+22]. **morphotypes** [GSM+20]. **Morris** [PMZ+21, dGZHCA24]. **Mortality** [PSM22, BAAN24, CAK+23, CAK+24, CDC+22, GRGHM21, HHBF24, LPS+21, MKR20, NTHC23, LPS+21]. **mosquito** [VMM+21, WRC21, WKL+21]. **mosquitoes** [BM22b, HLB+20, KWG+22a, NS20]. **most** [KDC+21]. **moth** [LGG+22, PVS+21, SBR20]. **Moths** [RBGB23]. **Motility** [SBMF23]. **motion** [RGB22, WLY+23]. **motivated** [PF23]. **mountain** [ACFM22, BGA+23, IBB+21, IBB+22, SFGB23, SKW23, SC23]. **mountainous** [ZLLZ24]. **Mountains** [WYBX23, ZZLF24, CWH+21]. **Movement** [MKS21, Pér24, ABB23, ABR24, Ano20-50, AJJ24, BLB24b, BTC+22, CDNN+20, CNNS+21, DDG+21, JSD+22, PBS21, TLL+23, TPD+24, WWF+23, dKS22]. **Movement-based** [Pér24]. **movements** [BLP20, GMM+24, Sak23, STQ+22]. **Moving** [LBN+22]. **MRIO** [XLM+23]. **MSY** [RLM23]. **Multi** [BCW+23, MTBB22, TRMB20, Ano20-50, AHO+20, BOLC+22, BGCJ21, BM21, CWH+21, EL21, GLA+20, Gat21, HHBF24, HLM+20, HK23, IBB+21, IBB+22, JVGC21, KFM+23, MP23, MTZA23, MPCG21, MSS24, NWJ+22, NAM22, OSPZ22, PBS21, RMA+24, SRÁMH+20, SWP+23, VRS20, VSS+22, WLY+23, WFW+24, XLM+23, USA21]. **multi-action** [SRÁMH+20]. **multi-agent** [WLY+23]. **multi-armed** [Gat21]. **multi-criteria** [KFM+23, MSS24]. **multi-decadal** [IBB+21, IBB+22]. **multi-dimensional** [Ano20-50]. **multi-domainal** [Ano20-50]. **multi-habitat** [BOLC+22]. **multi-host** [NWJ+22]. **multi-level** [VSS+22]. **Multi-model** [MTBB22, SWP+23]. **multi-objective** [NAM22]. **multi-parcel** [OSPZ22]. **multi-population** [EL21]. **multi-region** [XLM+23]. **Multi-scale** [TRMB20, CWH+21, HLM+20, PBS21]. **multi-scaled** [AHO+20].

multi-scenario [MP23, MTZA23, WFW+24]. **Multi-sectoral** [BCW+23]. **multi-sensor** [JVGC21]. **multi-species** [BGCJ21, BM21, MPCG21, VRS20]. **multi-state** [RMA+24]. **multi-trophic** [GLA+20, HK23]. **multi-year** [HHBF24]. **multiannual** [PMP+21]. **Multidimensional** [MFH+22, SAL+22]. **multilayer** [HNC+21]. **multilocularis** [MMMS23]. **Multimedia** [WLQ+23]. **multimodal** [FCP+20]. **multimodel** [LLLZ21]. **Multiple** [CDC+22, SGLK20, ABM20, AM21, AZBdAI23, CM21, DDL+20, GSJ+20, HCL+22, JHL23, LPD+20, MBG+22, MFF+24, MM21, WGMR23]. **multiple-objective** [WGMR23]. **multipurpose** [CXZ+23]. **multispecies** [For20, XYZR21]. **multistate** [SDP23]. **multitrait** [CP20]. **Multivariate** [ZFC+23]. **municipal** [CAS+24]. **mussel** [FDSM20, RRCZ20, SSB22, Vas23]. **mussels** [BDP+23, KWM+24, SLB20b]. **mutualism** [AM21]. **mutualisms** [DAG+21]. **mutualistic** [BDC+22, LBL22, YL22]. **my** [LJRM+20]. **mycorrhizal** [MGHT20]. **mydas** [SMV+20]. **mystery** [GDC24].

N [AAR23, BGA22, GSR+23, GSRB22, ZBH+22]. **N-fixing** [GSRB22]. **Nacella** [GSM+20]. **Nærstad** [HEL+21]. **Nanjing** [LDZ21]. **nanoflagellates** [LBPL20]. **Naples** [SBF+21]. **Narragansett** [HML+22, LUV+23]. **Narran** [LHJ+24]. **Nash** [SACE+20]. **natal** [vdMvDSL20]. **National** [ECC+22, SOV21, BST+20, PK23, PPH+21]. **native** [DP20, Ino22, KWM+24, KKF+23, MRR+20, dOPdMdS+21, SWL+23, SC23]. **Natural** [Ano20-51, SMD+20, AVP+23, BWCD23, BARF20, BDA+20, CDJ+22, CPAT20, DS24, GPN+23, KCS22, LRA+20, LGG+22, MSG+21b, MPL+20, RFCEL22, RFPRC23, TBCV22, WG21, ZPZ+22]. **naturalisation** [RPARM20]. **nature** [Ano20-50, BWCD23, CXZ+23, DYMD22, HPMB20, RLS+24, WZLC24, HPMB20]. **nature-based** [WZLC24]. **nearest** [PSZ20]. **nearest-neighbour** [PSZ20]. **necked** [KLPJ24]. **need** [AAM+22, For24, MTS+20]. **neighborhood** [QS23]. **neighbour** [BLP20, PSZ20]. **neighbour-biased** [BLP20]. **Nemopilema** [XFK21]. **Neocloeon** [KFJS20]. **neonate** [LHH+24]. **Neophocaena** [DZC+23a, DZC+23b]. **Neotropical** [PTBFP+20]. **Nepal** [AAAR23]. **nest** [VJK+23]. **nested** [WSL+22]. **nesting** [CRZ+23, GDC24]. **net** [ASHK22, ACFM22, DP20, RFdL+24, SMD+20, Yu20, ZCJ+20, RSB+23]. **Netherlands** [HSP+22, PRdN+20]. **Network** [JVGC21, LLZM20, Abe20, BLB+20, CB20, CDNN+20, DPA21, FDSM20, GCS+21, GZK+20, Jor22, LSL20, LMW+23a, LLW+21, LW23, MPC+22, MS20, MP23, PSG+22, PPSS22, dAPdBMT23, SRTS20, SZPW23, SZ20, SPV+20, XHS+24, ZWL+21, KKH+24]. **networks** [BDC+22, BANG20, CCH20, DPA21, EOÖ21, FdKO21, Gon23, GML+20, GCMU23, HMDO20, HNC+21, KMAA23, LBL22, SNM+23, SWW+23, WLWL23]. **Neural** [JVGC21, BLB+20, CCH20, MS20, PSG+22, SNM+23, SZ20]. **neutral** [EON23]. **newly** [BGA22]. **Newman** [RFHR24]. **Next** [EHS+20, MKS21]. **next-generation** [MKS21]. **nexus** [DLZ+20, NMV+23]. **NFI** [PPH+21].

Niche [Kos22, ARSC22, BMS+20, BG22, CIL+20, CYP+20, Cor20, FSY22, Fou21, HLZ+22, JS22, LLZM20, MYACC22, MMRBLN20, SBMF23, SACEU+21, SCACB23, TSdOCV21, WCF+22, ZFP21]. **Nile** [TGRM23, BGC+23, KWG+22a]. **Niño** [HSL+22]. **Niño/Southern** [HSL+22]. **Nitocra** [KD20]. **nitrate** [MKN23]. **nitrogen** [AKY+22, BCW+23, BH20, BGA22, DGVVP23, FSZ+20, FZS+20, GSR+23, KKP+21, LLLZ21, PGSL+20, RLdM20, SMM+22, Ste20, WZZF23, YG21, YZZF22, ZMF+20, ZZWF21]. **Nitrous** [AAR23, ZMF+20, ZPZ+22]. **Nitrous-oxide** [AAR23]. **no** [DS23, Koo20b, CCH20]. **no-take** [DS23]. **NoBa** [SHF24]. **nobilis** [GRGHM21, HMGK20]. **noctiluca** [EWE20]. **noise** [JSD+22, RCCLMGV22, SHF24]. **nominal** [PPSS22]. **nomurai** [XFK21]. **non** [AVP+23, CWH+21, Fer23, HI22, HSL+22, KKF+23, MOS21, vWVH20]. **non-adaptive** [AVP+23]. **non-attentional** [vWVH20]. **non-eruptive** [Fer23]. **non-independent** [HI22]. **non-invadable** [MOS21]. **non-native** [KKF+23]. **non-representative** [CWH+21]. **non-stationarity** [HSL+22]. **Nonlinear** [Vas20, ZXK+24, KWC24, MLMI23]. **nonparametric** [RFPRC23]. **nonstationary** [CKK+24b]. **nordic** [SHF24]. **Norfolk** [ZOJ+23]. **norm** [MGWG22]. **NORNE** [HGBK23]. **North** [SGTS21, SGTS23, BBCD23, NT23, PMB+22, PTNR+20, TBZ+22, ZBH+22]. **North-Western** [BBCD23]. **northeast** [CBG+22, LWL24, XLS20, DTD+23, JOE23, MSG+21b]. **Northeastern** [HLH+21, WLT+23]. **northern** [BGCJ21, SLLW21, STW+23, ZBW+24, CFG+22, RSC+21, RSC+23]. **Norway** [HEL+21]. **Novel** [LSG21, LGK+23, SSM24, BANG20, BMBB24, CAS+24, DDH+22, ILLM20, Jia21, Lef23, SBS+21, SM22b, TWL+22, WT20, ZHWZ23]. **November** [Ano20j, Ano20v, Ano21j, Ano21v, Ano22v, Ano23v]. **NPP** [XMWL23]. **Number** [CWF+21, HLS+23, WHE+24a, WHE+24b, WSM24]. **numbers** [CAB+21]. **Numerical** [IA23, AB21, CFL+22, SZL+20]. **Nunavik** [DSHB23]. **nungara** [Fou21]. **nurseries** [LLB+23]. **nutrient** [AWW24, CR24, CSM23, FWK+20, GWD+23, HCPG20, RLS+24, TGRM23, Vas20, WCG+24, YXH20, ZZŠ+22, ZWZ+20]. **nutrient-deficient** [YXH20]. **nutrient-removal** [HCPG20]. **nutrients** [BH21, RKN+21, SSJC23]. **nutritional** [LBPL20]. **Nutritionally** [CAFT22].

O [AAR23, HKSM23, ZBH+22]. **Oak** [BLB+24a, EVT+21, NYH20, PGSL+20]. **oasis** [CWY+24, CJM+23]. **Obama** [Fou21]. **OBEC** [RFHR23]. **objective** [NAM22, WGMR23, YA24]. **objectives** [DDL+20]. **observation** [CFL+22, SOV21]. **observations** [ACZ+21, LDX+23]. **observed** [BVR+20]. **obtained** [AAM+22]. **occupancy** [DL21, JJN22, SOV21, SDP23]. **occurrence** [RFCEL22, SSM24]. **occurrences** [BM22a]. **Ocean** [APGD+21, RRCZ20, ACZ+21, CBG+22, CSB22, KiAM+20, KPLH24, LHDBN20, MTL+23, NPK+23, LHH+24, NT23, dSRDC+23]. **oceanic**

[CGRR+24, KNP+21, WSFZ21]. **oceanography** [LHDBN20]. **oceans** [ZGG22]. **October** [Ano20k, Ano20w, Ano21k, Ano21w, Ano22w, Ano23w]. **ODD** [Gri20]. **ODE** [RRSG21]. **ODE-based** [RRSG21]. **Odocoileus** [KS22]. **odontocetes** [RSC+23]. **off** [BAAN24, CSCT23, CP20, KiAM+20, NO24, Pér24]. **offs** [DSC+21, JHL23, PF23]. **offset** [BLB+24a]. **offsetting** [BSM23]. **offshore** [vOVvdW23]. **oil** [HMVR21]. **oiled** [WWA+22]. **Okhotsk** [PA20]. **old** [BWCD23, KCP+23, LDZ21, YA24]. **older** [JHKT+23]. **oleae** [PVS+21]. **olgensis** [XLS20]. **oligotrophic** [ZL24]. **Oliv** [ZWL+21]. **olive** [PVS+21]. **omnivorous** [JL23]. **Oncorhynchus** [BLLL21]. **One** [PAS+22, DBK20, TCB21]. **one-dimensional** [DBK20]. **only** [GWH20, JJN22, KRM+22, MBD+22]. **Ontario** [DMdR24]. **ontogenetic** [mSzZK+21]. **open** [LGA20]. **operating** [MM21]. **operational** [DLT+22, MVC+22, PM22]. **Operationalising** [DBDR22]. **opinions** [WBD+22b]. **opportunistic** [EMH+22, TCB21, VMH+21]. **opportunities** [AGS+21, AGS+22, HL23, LSG21, MKEH20, WGMR23]. **Optimal** [BPB+20, CC20, Fer23, BSU+23, DMPLHGL20, LJ21, RBMRR20, VBH20]. **Optimisation** [TLH+20]. **Optimising** [DDL+20, NND+22]. **Optimization** [MTP+20, MTZA23, WCSX22, ZZQ23, CWW+23, DGVVP23, FCP+20, HBC+22, LWZL23, RK20, WGMR23, WDW+22, XHS+24]. **optimizing** [ESZ+23, NGE+21]. **option** [KMH+21]. **Orbicella** [LVM+22]. **orchard** [LBT+22]. **order** [CLHZ22]. **ordinal** [PPSS22]. **ordinary** [Wu24]. **organic** [AB21, CMSD+22, JLV+21, KBSS23, MAD+20, MLP+20, MPL+20, RFHR23]. **organisms** [FLG+23, Jia21, KKP+21]. **organization** [YEL+21]. **organizational** [Jor22]. **organizing** [EL21, LCP+20]. **oriental** [LhNA+21, LhNA+22]. **orientalis** [LhNA+21, LhNA+22]. **oriented** [CM21, PTNR+20, TPD+24]. **origin** [DLZ+20, SGRDA+24]. **ORYZA** [GSR+23, LDX+23]. **ORYZA-N** [GSR+23]. **Oscillations** [HSL+22]. **OSMOSE** [XCZ+20]. **OSMOSE-JZB** [XCZ+20]. **other** [BAAN24, MJS24, RBGB23]. **Oulujärvi** [KKH+24]. **our** [GCMU23]. **Outbreak** [HCW+22, BJKT21, DMG22, Gat20, GSC+23, STRC24]. **outbreaks** [LDS+23, MAB23, cNKF24]. **outcome** [vDC20]. **outcomes** [MKS21]. **outdoor** [CCH20]. **output** [COJ23, HFSL+24, HLM+20, XLM+23]. **outputs** [AVRC+20, CHR+23]. **over-harvesting** [PBH22]. **overall** [OMP+23]. **Overcoming** [GSMD24]. **overfitting** [RSWS23]. **overhead** [LZSQ20]. **overprediction** [MVAD20]. **Overview** [HSD+21]. **ovigerous** [HBMR24]. **oviposition** [dAWG23]. **owls** [CWH+21]. **oxidation** [KKPR20]. **oxide** [AAR23, ZMF+20, ZPZ+22]. **oxygen** [FTH24, YFW+21]. **oyster** [HLS+23, SBWB24, YEL+21]. **oysters** [LLC+24]. **ozone** [EOÖ21, WHW+23].

P [Mea20, Pas21, SDP21]. **Pacific** [HSL+22, NT23, BWS+20, dMFOM+20, GGMR20, KiAM+20]. **package** [BSS+24, CC23, GSJC22, MS23, OSH+21, RPT21, SGPSzC22, Wu24].

packages [SCACB23]. **paddy** [GSR+23, HCX+21, SMM+22]. **page** [AGS+22]. **PAHs** [XWZ+22]. **paired** [dPGDdFS24]. **Pairwise** [SPV+21, MEPJ21]. **Pakistan** [SLY+21]. **palaeoclimate** [PMB+22]. **pallida** [KRMP23]. **palm** [DIS23]. **Pan** [VRRI+24]. **Pan-Atlantic** [VRRI+24]. **panda** [DRZ+24, YDQ+23]. **pandemic** [EOÖ21]. **pandemics** [Laz23]. **Panopea** [LCMB21]. **panther** [CB20]. **paradigm** [AG22]. **paradox** [MYH+20]. **Parameter** [COPM23, CWW+23, EJ20, Mat23, MTT22, TDI+20]. **Parameter-varying** [COPM23]. **Parameterisation** [RJY+20, RRCZ20, JPMA+23, MPL+20]. **parameterization** [FCP+20, KKPR20, NT23, PTG+20, SNM+23, FZS+20]. **parameterized** [CDJ+22]. **parameters** [AS22, BGCJ21, CAK+23, CAK+24, HRW+24, HCX+21, JPL21, KAB23a, KD20, LAK20, LK24b, MSLMM22, MLP+20, PDH+22, SSM24, SC21, VN23, XCZ+20, YSIB24, dGZHCA24]. **Parametric** [AZAD+23, RFPRC23, RP22, WBD+22b]. **parasite** [EBMK20, GRGHM21, KE24, TA20]. **parasite-produced** [GRGHM21]. **parasites** [MMMS23]. **parasitic** [BPW+21]. **parasitism** [Hop23, MMC+21, Oku21, dFT+20]. **parasitoid** [BMRF21, Oku21, SE21, YKZ+23]. **parasitoids** [BRAL23, Hop23, MBR+23]. **parcel** [OSPZ22]. **park** [BBCD23]. **Part** [MLP+20, MPL+20]. **parthenogenetic** [KFJS20]. **partial** [COPM23, VMM+21]. **partially** [SGV+24]. **particle** [LWE+22, RGB22, SJH+23, WSW23]. **partitioning** [UGSG24, ZHWZ23]. **party** [PDW23]. **passive** [BVR+20, PDD+22]. **past** [BPL+20, CLW23]. **pastoral** [TBZ+22]. **Patagonia** [AM22]. **patch** [CDNN+20, FdKO21, LSL20]. **patches** [AKM22, BACS22, CAFT22, MS23]. **pathogen** [AV22, MB22, MGC24, SWL+23]. **pathway** [vdHNH+20]. **pathways** [CDN+23, GM23, MBB20]. **pattern** [ABZ22, CLHZ22, CGV22, FdKO21, FMRMAS24, HLM+20, SLC+20, TPD+24, WZLC24, XMWL23, ZHJQ23, ZBW+24]. **pattern-formation** [FMRMAS24]. **pattern-oriented** [TPD+24]. **patterning** [LCP+20]. **patterns** [CLPZ20, CDB+20, AAAR23, FHP+22, GCSlR22, LDR+20, LZF21, PKO+21, RMV+24, WZHP21, WWC+22, ZPZ+22, ZZW+22, ZLZ+24]. **payment** [BGA+23]. **PCA** [LNK+21]. **PCA-SEM-ANN** [LNK+21]. **peak** [WF24]. **Pearl** [CL21, SWP+23]. **peatland** [BST+20, RPB+23, RGD20]. **Peatlands** [BWT+24, BST+20, MLMI23]. **peculiarities** [SGRDA+24]. **pedestrianization** [ST24]. **pedology** [CM21]. **PEG** [EL21]. **Pelagia** [EWE20]. **pelagic** [ESZ+23, NT23, SLB+20a, SINS22, SZL+20, WLLW20]. **pelagicus** [RM20]. **Pelotas** [dMT23]. **Penaeus** [LGL+24]. **penguins** [Koo20a]. **per-capita** [SGA22]. **perceptive** [GLH24]. **percolation** [HFP20, HFP22]. **percolation-based** [HFP22]. **perennial** [LGK+23]. **Performance** [KTB+21, LZL22, AHH22, BSCH23, CMHZ23, CKC+24, ESZ+23, KMP+23, PTBFP+20, RM20, RRFLV+22, SC24a, SM22b, VMH+21, VRS20, XCZ+20]. **peri** [RBEC21, USA21]. **peri-urban** [RBEC21, USA21]. **period** [EOÖ21, LM23]. **periodic** [KK20]. **Periphyton** [HKH+20]. **permafrost**

[LCW+21]. **persistence** [BACS22, FdKO21, LSA+21, LJP+22, dGMCM+23]. **Persistent** [CCJK+20, LKO20, MLP+20, MPL+20]. **perspective** [CBW22, CN20, Jor22, LSL21, MJdORPG23, SE20a, SE20b, SAdA+22, WZLC24, ZZQ23]. **perturbations** [CTL22, WA20, dGZHCA24]. **pest** [BPW+21, BJKT21, JBF22, LRA+20, MJdORPG23, NGE+21, NLMM23, PVS+21, PEFW20, PSM+21, RCSS20, SSM24, YKZ+23, MTT22]. **pesticide** [BSPT23a, BSPT23b, BSU+23, MJdORPG23, PEFW20, dVDC20]. **pesticides** [PDH+22]. **PESTIPOND** [BSPT23a, BSPT23b]. **pests** [PSM+21, WGK+21]. **petraea** [EVT+21, NYH20]. **petrels** [Koo20a]. **PEWI** [CVTS20a, CVTS20b]. **PG** [NYH20, SNM+23, XLS20]. **Phasianus** [KLPJ24]. **pheasant** [KLPJ24]. **phenModel** [PGdAM+20]. **Phenological** [KFJS20, CdCAC+20, HCX+21]. **phenology** [LPHO+20, NYH20, OFH+20, PGdAM+20, VSS+22]. **phenology/voltinism** [PGdAM+20]. **phenomenological** [HFP20]. **phenomenology** [HFP22]. **philippinarum** [CMGD+22]. **philopatry** [BR22]. **phosphate** [GSJ+22]. **Phosphorus** [ADR21, AKY+22, HSJ+20, RRP+23, SLB20b, SGH+23, WPL+23, YG21, ZWZ+20]. **photography** [KKW+21]. **photoperiod** [SBR20]. **photoperiod-driven** [SBR20]. **Photosynthesis** [RSB+23, Mas23, Yu20]. **photosynthetic** [HKSM23, SGH+23, VN23]. **Phragmites** [YXY+20]. **PHREEQC** [MTT22]. **phthalic** [WLQ+23]. **phylogeny** [SPV+21]. **physical** [AZMD+22, FMH+20, GGE+23]. **physical-biogeochemical** [GGE+23]. **physics** [GRS+20]. **physiognomies** [DDDC21]. **physiological** [DPC20, LLC+24, RRSG21]. **Phytomass** [CSM23]. **Phytoplankton** [PA20, SLC+23, TSUY23, TMNA20, ACZ+21, CDJ+22, CMA23, HZ22, HMC20, MYH+20, MS20, MBFS21, OSH+21, RFCEL22, RKN+21, SINS22, Vas20, ZGG22]. **Picea** [BG22]. **pigmentation** [OSH+21]. **Pinctada** [SLYL+20]. **pine** [BdSG+23, BAZ22, EVT+21, JLH+21, ML20, SLHB+23, SWL+23, SC23, SGRDA+24, WLT+23]. **pine-hardwood** [JLH+21]. **pink** [JZJ+20]. **pink-footed** [JZJ+20]. **Pinna** [GRGHM21, HMGK20]. **pinniped** [WWP20]. **Pinus** [EVT+21]. **pioneering** [Ano20-49]. **pisha** [ZLZ+24]. **Pityogenes** [OFH+20]. **place** [CNNS+21]. **placement** [LBT+22]. **plague** [RWS+21]. **Plains** [ZFT20]. **planarian** [Fou21]. **plankton** [EL21, GWD+23, MSML21, PCK+22, RUTY23]. **plankton-fish** [RUTY23]. **planktonic** [MPPM23, MBS22]. **Planning** [MTP+20, CL21, DLT+22, MTZA23, NMV+23, RBLS23, SRÁMH+20, SACE+20]. **Plant** [LM21, RMK21, TK20a, WXT+20, dGMCM+23, AADHA+23, CGB+23, CWF+21, CSM23, DAG+21, ERP21, HLW+20, HHT21, Hop23, JBF22, KKP+21, LSA+21, MGHT20, MGC24, MPCG21, MPA+24, PSG+22, PAPŁ+23, PMP+21, QZSV21, RRP+23, SVK20, TGL+22, VPV21, WLWL23, WMA21, WTT+21, WCF+22, YL22, YLS+21, ZMS20]. **plant-animal** [WMA21]. **Plant-host** [dGMCM+23]. **plant-pest** [JBF22]. **plant-pollinator** [YL22]. **Plant-Water** [WXT+20]. **plantation** [HKSM23, LYM+23, MSG+21b]. **plantations**

[BdSG+23, SGRDA+24, XLS20]. **planted** [WXH+22]. **planthopper** [NDNN22]. **planting** [MRR+20, TBZ+22]. **plants** [KKF+23, LC20, LZL22, MT23, Mas23]. **Plastic** [NO24]. **plasticity** [JRD+22]. **plastics** [NO23]. **Plateau** [APGD+21, SZL+21, TGL+22, YLLL23, WCG+24, YJC+24, ALS+21, LWL24, WXT+20, ZPZ+22, ZYM+21]. **platform** [GDF22]. **plausible** [Koo20b]. **play** [AARS23]. **plays** [MSG21a]. **Pleuroncodes** [BAAN24]. **plume** [CMFC23]. **pluralistic** [MSG23]. **PM** [NSS+23, SBF+21]. **poaching** [NMC+20]. **point** [GSH+22, LJRM+20, MYACC22]. **points** [WSM24]. **Poland** [ZA20]. **polar** [CLW23]. **polder** [YG21]. **poleward** [LK20]. **policies** [CL21, DWG22, Fer23]. **pollination** [CAFT22, CSCT23, JSL+20, PTRP23, PDGB21, SJA+22, SPV+20, SPV+21]. **pollinator** [WLWL23, YL22]. **pollinator-plant-consumer** [WLWL23]. **pollinators** [RMK21]. **pollutants** [MLP+20, MPL+20]. **polluting** [DGVVP23]. **pollution** [BH21, DBK20, KHS+23, ZZZD22]. **polyactis** [RJY+20]. **polychaete** [GLA+20]. **polycyclic** [ZYZ22]. **Polynesia** [RMV+24]. **Pommerening** [Mea20]. **pond** [YFW+21]. **ponds** [BSPT23a, BSPT23b, BGR20, NBML21]. **Pontederia** [XGT+24]. **pool** [CM21]. **pooling** [PSG+22]. **pools** [SGP+20]. **poor** [AMP+23]. **Pop** [HBMR24]. **Pop-up** [HBMR24]. **poplar** [CSZY+20]. **Population** [MMC+21, TTPA21, VVH+20, XFK21, YKZ+23, AVP+23, APGD+21, BOLC+22, BMM22, CMGD+22, CCJK+20, CLH23, CP20, CAB+21, Dav22, DKM+21, DRZ+24, EL21, EVHS21, FCFCM24, Fer23, FC21, GCB+22, GZ23, HKG+24, Hop23, JLLS23, JZJ+20, JASW23, KAMS22, KRM+22, KLA+20, Koo24a, KLNMG22, LP22, LHL22, LGA+21, LKO20, LSG21, LGK+23, LCMB21, MCB+23, NS20, NGA+20, NGE+21, NLMM23, NBMD21, Oku21, OCT+23, PDH+22, PSM22, PSG21, RCCLMGV22, RUTY23, RMA+24, SE21, SE22, STW+23, SDP23, SLC+20, SBR20, TK20a, TRMB20, Uch23, VSK+20, WZWF20, WGAH22, WLZ+23a, WFD23, Yao21, dGMCM+23]. **populations** [APF21, BGS+20, CRZ+23, COPM23, FSZ+20, FZS+20, GSJ+20, KS22, KK20, KHH+22, KHH+24, KLPJ24, LSA+21, LBI+20, LGA+21, MGC24, OSH+21, PEFW20, RM20, RCSS20, SDD+20, SLB+23, SMS+24, dVDC20]. **porewater** [ZRMW+20]. **porosity** [IA23]. **porpoise** [DZC+23a, DZC+23b, HSF+20, WSL+22]. **portfolio** [SACE+20]. **portraying** [RGB22]. **position** [LM23]. **positions** [Sak23]. **positive** [DMG22, WLWL23, ZWZ+20]. **possible** [CSMP21, LLZM20, MSG21a, PR21]. **post** [DWH+21, OHP+23, vdMvDSL20, GGMR20]. **post-ENSO** [GGMR20]. **post-exposure** [DWH+21]. **post-fire** [OHP+23]. **post-natal** [vdMvDSL20]. **postfire** [LM23]. **potato** [DTR+22, DGVVP23, HEL+21, KBSS23, TBZ+22, OHH+21]. **Potential** [DTR+22, HCW+22, LhNA+21, MRR+20, AFdSM23, BGC+23, BS20, BWCD23, CNSK21, CAS+24, CN20, DCT+21, DTD+23, DL21, GLA+20,

LUV+23, LLC+24, LDXJ22, MEGA21, MTBB22, MGC24, MLV24, NA22, PK23, PDGB21, RMO22, SD24, SBFBDM24, YCK20, vOVvdW23, LhNA+22]. **potentially** [PAPŁ+23]. **Power** [KLS20, UGSG24]. **Power-law** [KLS20]. **Poyang** [HSF+20, MFH+22]. **Practice** [Ano20-51, BM22b, LSG21, ZJEG24]. **practices** [BCMV20, TLC+22, TCS21, YLLL23]. **Prays** [PVS+21]. **pre** [LDC+20]. **pre-processing** [LDC+20]. **Precipitation** [WXT+20, LM21, LWL24]. **precision** [KKF+23, YHC+21]. **precocial** [CC20]. **Predation** [dKS22, BACS22, BAAN24, CKC20, LK20, MAN+20, SM22a, VVH+20, vWVH20]. **predator** [dSCdA21, KKH+24, MAN+20, MF20, MMMS23, PHK23, SGP+20, SQDM21, TCG+20, dAdSCA20]. **predator-prey** [MMMS23]. **predators** [BSE21, PBH22]. **predatory** [TCG+20]. **predict** [AE22, BdCCdSAdS23, CdCAC+20, CYP+20, Cor20, DVVH21, FEPR24, GCB+22, JPL21, Jia21, KLNMG22, MAGR+22, RFCEL22]. **Predictability** [BH20]. **predictable** [DEMJ24]. **predicted** [FS22]. **Predicting** [AADHA+23, FHP+22, HKB+20, HSJ+20, HMDO20, LLC+24, LVM+22, dSMPA+22, NA22, SDD+20, SMM+22, VVH+20, WSN+21, vdMvDSL20, FG21, KTB+21, LWE+22, MKS21, STQ+22, Ste20, SPV+21, VJK+23, ZLL+23]. **prediction** [CMSD+22, GWH20, LJP+22, LLLZ21, LDX+23, LNK+21, dRMJdS23, SZ20, SWP+23, WrJP+22, XZZ+22]. **predictions** [ABC+22, EVHS21, For20, HKY24, HRW+24, JJN22]. **predictive** [CKC+24, EJ20, JLH+21, KMP+23, RRFLV+22, SC24a, TDI+20, VRS20, YCI20]. **predicts** [WWA+22]. **predominantly** [KHR23, PR23]. **preference** [DZC+23a, DZC+23b]. **Preferences** [BBCD23, BAM23, DDL+20, PTNR+20, VRS20]. **preferential** [AFG24]. **PRELES** [KWP+23]. **Preparing** [MAB23]. **Presence** [GWH20, CIL+20, HBP+21, JJN22, KRM+22, WSM24]. **presence-background** [WSM24]. **Presence-only** [GWH20, JJN22, KRM+22]. **present** [XGT+24]. **Preservation** [DS21]. **preserving** [AM22]. **pressure** [DSC+21, GJC+20]. **prevalence** [GWH20, MSG23, MDT+23]. **prevent** [GRCSA+20]. **prevention** [BJKT21, GZK+20]. **prey** [BSE21, CLH23, dSCdA21, MAN+20, MF20, MMMS23, NPK+23, PHK23, SGP+20, SQDM21, SWL+23, TCG+20, dKS22, dAdSCA20]. **prey-predator** [SGP+20]. **price** [CLY+23, UGSG24]. **primary** [DP20, GAC+21, GLK+22, GZD+23, HMC20, HCX+21, KUK+21, KWP+23, MS20, MBFS21, RFdL+24, SDP21, TSUY23, Yu20, ZCJ+20, ZZLF24]. **principle** [HCL+22]. **principles** [BPN+20]. **prior** [BWS+20, TTPA21, VRS20]. **prioritization** [HPMB20]. **prioritizing** [MS23, RBLS23]. **Priority** [PAS+22]. **probabilistic** [DBH+22]. **probabilities** [DMM+23]. **probability** [LDS+23, MDT+23]. **probability-** [MDT+23]. **problem** [LKO20, FSZ+20]. **problems** [CCJK+20, LCLG20, PAS+22, TK20b]. **procedure** [EJ20, PEFW20]. **procedures** [FHP+22]. **Process** [Por21, AZAD+23, BdSG+23, CAK+24,

GSH+22, HSJ+20, HEL+21, HGBK23, HCPG20, KTB+21, LJRM+20, LCW+21, MYACC22, MPCG21, NWO21, NO23, OKS+21, PTNR+20, TQM+24, TSUY23, TPD+24, VSS+22, WGK+21, ZPZ+22]. **process-based** [BdSG+23, CAK+24, HEL+21, HGBK23, HCPG20, KTB+21, LCW+21, MPCG21, NWO21, NO23, OKS+21, TSUY23, VSS+22, ZPZ+22]. **process-explicit** [TPD+24]. **process-guided** [HSJ+20]. **process-oriented** [PTNR+20]. **Processes** [YHC+21, AJG22a, AJG22b, EL21, FFM+23, FHP+22, HKY24, LCW+21, MTW+22, MM21, NTHC23, QZSV21, SHT21, TRMB20, Tsy22, WTT+21]. **processing** [LDC+20]. **produce** [NAM22]. **produced** [GRGHM21]. **producer** [KWG+22b]. **producer-grazer** [KWG+22b]. **produces** [Sak23]. **Production** [LUV+23, TLH+20, ZZQ23, AAM+22, AAC20, BLLL21, CMKF22, CDN+23, CMHZ23, DTR+22, DP20, ESCA22, EGAS23, GSR+23, GLK+22, HMC20, HCX+21, KUK+21, LYM+23, MTS+20, MS20, MBFS21, MEGA21, MGdM+20, NGA+24, NBMD21, OZSU22, PAdS+24, SLY+21, SMD+20, SDP21, TBP+23, TSUY23, TKO+22, WGMR23, XLS20, ZBH+22, vOVvdW23]. **production-crop** [LYM+23]. **Production-Living-Ecological** [ZZQ23]. **Productivity** [LB21, SGRDA+24, CGRR+24, CSM23, GZD+23, HCP+20, KDH+21, KWP+23, MPA+24, NYH20, QS23, WHW+23, RFdL+24, SE20a, SE20b, SHT21, TSUY23, WLT+23, YSIB24, Yu20, ZCJ+20, ZZLF24]. **Productivity-environment** [SGRDA+24]. **products** [ACZ+21, MLV24]. **profiles** [EMH+22]. **profiling** [MGK+23]. **ProForM** [SFGB23]. **program** [HSD+21]. **Programming** [BM21, NMV+23, NAM22, SRÁMH+20]. **programs** [JZJ+20]. **progress** [WZZF23, ZZWF21]. **project** [DBV+22, XZZ+22]. **Projected** [ZFT20]. **Projecting** [SLLW21, YPS+21, APF21, MKB+24]. **projection** [CP20, KK20, PSBE23, PFK+22, TK20a, ZLLZ24, ZXK+24]. **Projections** [KNP+21, TTPA21]. **projects** [DYW+22]. **prolifera** [SRB+20]. **promote** [LGG+22]. **promotes** [AM21, ZL24]. **Promoting** [LYM+23, HL23, Yao21, BCMV20]. **prone** [ABRG21, KT22, SD24]. **Proof** [BRBT22]. **Proof-of-concept** [BRBT22]. **propagation** [KWG+23]. **propagules** [LBB20]. **properties** [IA23, JRD+22]. **proposal** [RFHR23]. **Prorocentrum** [SGH+23]. **prospect** [DLZ+20]. **prospective** [BH21]. **protected** [AADHA+23, GMS+23, SvV21]. **protection** [HWS+23, SFGB23, ZYK22]. **protocol** [Gri20, PAB+22]. **protozoa** [JZS+21]. **provide** [HBMR24]. **Province** [AAM+22, KHS+23, LZSQ20, MDB+20, ENARM+23, ZSS21, ZLML20]. **provincial** [PK23, SLY+21]. **provincial-scale** [SLY+21]. **provision** [MEGA21]. **provisioning** [PTRP23]. **pseudoharengus** [NGA+20]. **PSR** [RS23]. **pteropods** [EV22]. **public** [CVTS20a, CVTS20b]. **Publishing** [Mea20, Pas21]. **pullout** [JZHT23]. **pulses** [MB22]. **Puma** [CB20]. **PVA** [LBGD21]. **Python** [LQH24]. **Python-based** [LQH24].

Q [MBMV20]. **Qazvin** [DYMD22]. **Qinghai**

[ALS+21, LWL24, Yu20, YJC+24, ZPZ+22]. **Qinling** [WYBX23]. **Qinzhou** [HLS+23]. **QtAC** [SGPSzC22]. **qualitative** [FDSM20, HKB+20, RBEC21, ZBW+24]. **qualitatively** [CLPZ20]. **quality** [BZZT22, BM22b, BLLL21, BAM23, CC23, nCLpW+23, ELS23, EMH+22, HCP+20, KLNMG22, MSL+21, MPA+24, Pie23, SBF+21, SC21, VMH+21]. **Quantification** [HLW+20]. **quantify** [DYW+22, Jia21, TBP+23, WWF+23]. **Quantifying** [AG22, HCPG20, KBSS23, LGA+21, OMP+23, RSWS23, SMP20, SGA22, TQM+24, TKO+22, PAS23, PRdN+20, SRB+20]. **Quantitative** [Ino22, vdHNH+20, CAH22, For20, PSW22]. **quantitatively** [CLPZ20]. **quantities** [LCMB21]. **quantization** [MBS22]. **Quanzhou** [LZL23]. **Quebec** [MTBB22, RPB+23]. **Quercus** [EVT+21, NYH20]. **questions** [JTH24]. **quick** [Tur20]. **quick-start** [Tur20]. **QWASI** [WLQ+23].

R [BSS+24, CC23, GSJC22, MS23, OSH+21, SGPSzC22, SCACB23, Wu24]. **R-package** [SGPSzC22]. **Rabies** [TLL+23]. **radiation** [DWH+21, VSK+20, YXH20, ZL24]. **rafts** [HLS+23]. **rainfall** [dSBDH23, FS22]. **rainfed** [TKO+22]. **rainforest** [AHO+20]. **ramp** [NPS+23]. **Random** [KAB23a, PDD+22, SOV21, ABB23, AP22, BMB24, DMG22, DMM+23, MLL20, CKC+24]. **randomly** [TK20a]. **range** [FMRMAS24, KKW+21, LK20, RBLS23]. **range-wide** [RBLS23]. **rangeland** [CPAT20, FS22, RS23]. **rangelands** [AJG22a, AJG22b]. **ranging** [DGSM21, TBM+24]. **ranked** [PPSS22]. **ranking** [EJ20, ILLM20, PMZ+21]. **Raoiella** [AFdSM23]. **raphidophytes** [SIOM24]. **rapid** [YZZF22, ZGG22]. **raptor** [STQ+22]. **rare** [DTD+23, TTPA21]. **rate** [CYP+20, Cor20, DGVVP23, DP20, JLLS23, KN20, LK24a, PTF23, SE20a, SE20b, XJW21]. **rates** [APF21, CDT+23, HFP22, JST+22, KABL21, RWF22]. **ratio** [MGWG22, WZWF20, ZFC+23]. **ration** [DMPLHGL20]. **rational** [GSC+23]. **ratios** [CDJ+22]. **ray** [ZL24]. **Re** [SdlP20, AG22, KKH+24]. **re-analysis** [AG22]. **re-establishment** [KKH+24]. **Re-scaling** [SdlP20]. **reaches** [XMWL23]. **reaction** [FMRMAS24, MGWG22, RBEH21]. **reactive** [ZZWF21]. **reading** [RFHR24]. **real** [LJP+22, PAS+22, RGB22, SJA+22]. **real-time** [LJP+22]. **realism** [KHH+22, KHH+24]. **realistic** [PCK+22]. **Realities** [Por21]. **really** [KHR23]. **reanalysis** [CBG+22]. **recapture** [DMM+23]. **recharged** [WLQ+23]. **Rechna** [AIA+23]. **reclaimed** [WLQ+23]. **recommendations** [BM22b, EMH+22, HSD+21]. **Reconciling** [MGdM+20]. **Reconsiderations** [GSRB22]. **Reconsidering** [UGSG24]. **Reconstructing** [SLB+23, ZZW+22]. **reconversion** [BGA+23]. **Recovery** [HHI+22, GCB+22, GCS+21, MHP+23, SWL+23]. **recreation** [GCS+21]. **recreational** [WBW+20]. **recruitment** [AJ22, PYD+21a, PYD+21b]. **recycling** [AWW24]. **Red** [MSG21a, VSK+20, BG22, MVC+22]. **reduce** [CAB+21, CDC+22, Koo24a]. **reduced** [BSS+24, VRW+21]. **reduced-impact** [BSS+24]. **Reducing** [TBZ+22, DGVVP23]. **reduction** [Che21, CAK+23, HWS+23, MKR20, Pre22]. **reed** [YXY+20]. **reef**

[GGMR20, SBWB24, YEL+21, ABR24]. **reefs** [CN20, DLY+22, MAB23]. **reference** [CSM23]. **refining** [CB20]. **reflect** [TLC+22]. **Reflections** [WG21]. **reforestation** [SAL+22]. **Reformulation** [RCSS20]. **regarding** [RFHR23, VRS20]. **regeneration** [BLB+24a, QZSV21]. **regime** [GWD+23, LDXJ22, WCG+24]. **regimes** [AADHA+23, AACCIS20, LM21]. **region** [AZMD+22, BS20, EGAS23, LZF21, LW23, MEGA21, dRMJdS23, NO24, PZH+21, SD24, SM22b, TLH+20, WFW+24, XLM+23, Yu20, ZLLZ24, COS23, SLLW21]. **regional** [BLL+23, ERP21, KMH+21, KTB+21, OZSU22, RMV+24, RFCEL22, WYBX23, WKL+21, ZA20]. **regions** [AMK21, BMB24, BCMV20, CDN+23, GVG+23, GSR+23, GLK+22, LMW+23a, MPSS24, NWO21, WFW+24]. **regression** [JPL21, YCI20]. **Regular** [SLC+20]. **regulated** [BS21]. **regulates** [SLC+20]. **regulating** [GMS+23]. **regulation** [BMB21, RGB22, SBF+21]. **regulations** [PGB+20]. **reinforcement** [SZL+21, WLY+23]. **relascope** [PSW22]. **related** [Kos22, LE23, MKB+24, TKO+22, WTT+21, YSIB24, ZZŠ+22]. **relationship** [CLPZ20, CLY+23, LZL23, LK24b, MZLRSZ21, WLWL23, dMT23]. **relationships** [CKK+24a, CKK+24b, Vas20]. **Relative** [EL21, QZSV21, SDP23, WBD+22b]. **relay** [DDH+22]. **release** [HLB+20, Lov24, ZWZ+20]. **relevance** [Fer23]. **relevant** [GCSlR22]. **reliability** [dGZHCA24]. **relictus** [ILLM20]. **reload** [GRS+20]. **remnant** [GMS+23]. **remote** [AMP+23, ACFM22, DIS23, HGBK23, HMDO20, ILLM20, KCHZ21, Lia23, SNP+23]. **removal** [HKH+20, HCPG20, NSS+23, RGD+22, SBF+21]. **renewable** [HWS+23]. **renewal** [LDZ21]. **reoligotrophication** [KUK+21]. **repeat** [KKW+21]. **replace** [AAM+22]. **replacement** [SIOM24]. **Report** [PKB+23]. **reporting** [BST+20, DLT+22]. **represent** [GSMD24]. **representation** [ASKR24, KBAC20, SDSP+21, WGK+21]. **representative** [CWH+21]. **Representing** [BA20]. **reproducible** [LGA20]. **reproduction** [APF21, DWH+21, KK20, MSG21a, MSG23, RTH+21, SGLK20, SMV+20, TBP+23, WHE+24a, WHE+24b]. **require** [BM22a, Pér24]. **requires** [PCK+22, YL22]. **Research** [WZZF23, ZZWF21, BZZT22, DK22, Fat21, LWZL23, MS23, ZJEG24]. **reserve** [CTL22, GMS+23, WST+23]. **reserves** [DS23]. **Reservoir** [XWX+24, BdCCdSAdS23, DAQ20, MKN23, ZMG+21, LYZ+24]. **reservoirs** [SC21, SZ20, Ste20]. **residencies** [BVR+20]. **resident** [MGHT20]. **residential** [IA23]. **residents** [YZZF22]. **residue** [TGB+23]. **residues** [DCT+21, MEGA21]. **Resilience** [KMAA23, DBDR22, HSP+22, JST+22, JRD+22, RS23, RLM23, RGRMRR20, SLC+23, SBM+22]. **resistance** [BSU+23, Hop23, WXH+22, dVDC20]. **resolution** [AMP+23, ACZ+21, BRC+21, CJM+23, CDB+20, ESZ+23, LBGD21, RSB+23]. **resolutions** [ATP20]. **resolved** [CGRR+24, DMGP20]. **resolves** [HES+20, HES+23]. **Resource** [AWW24, LL22, YA24, BAAN24, CBSB23, GLH24, HLW+20, KN20, Lia23, PF23, RK20, RLS+24, TPD+24, TK20b, WGAH22].

Resource-based [AWW24, WGAH22]. **Resources** [Ano20-51, BNAR+21, CSM23, CDNN+20, RK20, ZA20]. **Respiration** [RSB+23, AG22, TDI+20]. **respond** [RLdM20]. **responding** [LCP+20]. **Response** [BPL+20, NBU+23, Por21, RFHR24, YCK20, BS21, BA20, BMBB24, FTH24, GSJ+22, GGE+23, HSL+22, JOE23, LAK+23, LE23, OHR+23, PR22, RGB22, SQDM21, TRMB20, ZFT20, ZZŠ+22, dAdSCA20]. **responses** [Che22, FWK+20, KWC24, LJP+22, SRK+20, WZLC24, WSN+21]. **resprout** [ABRG21]. **restoration** [LLC+24, LVM+22, ZRMW+20]. **restore** [YA24]. **restored** [CWF+21, WCF+22]. **restoring** [OHP+23, SDD+20]. **RESTREND** [ZYM+21]. **RESTREND-based** [ZYM+21]. **result** [RFHR24, SWL+23]. **resulting** [SAdA+22, ZOJ+23]. **Results** [MKR20, KCHZ21, ZFT20]. **retention** [Ste20, TGRM23]. **retrospective** [LM23]. **reveal** [CTL22, PR21]. **Revealed** [BBCD23, EL21, TSUY23]. **reveals** [CP20, SPV+20, SBR20, TLL+23, WGMR23]. **reverse** [CLHZ22]. **Review** [FLG+23, WYJ+22, ABM20, BZZT22, DRZ+24, KAB23a, Laz23, MMRBLN20, OKS+21, dSRDC+23, SDH21, TGL+22, WGAH22]. **reviews** [Fat21]. **revised** [PTG+20]. **Revisiting** [Jag20, MPL+20, RRFLV+22]. **Revolutionising** [ABKA24]. **rheophilic** [LWE+22]. **rheophilic-spawning** [LWE+22]. **Rhode** [LUV+23]. **Rican** [AHO+20]. **Rice** [PSG+22, BMAME+23, ENARM+23, GSR+23, HCX+21, MVC+22, NDNN22, SMM+22, TKO+22]. **rich** [CAFT22, SM22a]. **richness** [MAGR+22, VPV21, YB22]. **ricinus** [WBD+22b]. **RIDL** [NS20]. **ridley** [SPB+24]. **Riera** [NBU+23]. **right** [WHdBB21]. **rights** [nCLpW+23]. **Rim** [YD20]. **ring** [KLPJ24]. **ring-necked** [KLPJ24]. **rise** [PR22]. **risk** [CB20, CDC+22, AAAR23, For24, FLG+23, GZK+20, HP20, HEL+21, JOE23, LBI+20, LYZ+24, LDS+23, LLW+21, Oku21, TLL+23, TCB21, WLQ+23]. **River** [CWY+24, CL21, DZC+23a, DZC+23b, JASW23, MP23, SWP+23, TGRM23, WLZ+23a, ZGMFESD23, BS21, CFL+22, KWM+24, KSJ22, LDC+20, RBLS23, SRTS20, SD24, XHS+24, Yao21, BH21, nCLpW+23, GJC+20, JHL23, MBB20, TLH+20, XZZ+22, XMWL23]. **riverine** [CSBS21, JASW23, LBI+20, MBG+22]. **rivers** [KWM+24, LWE+22, LEC+23, SJH+23]. **Road** [LMW+23a]. **roadmap** [RFHR24]. **robur** [EVT+21]. **Robust** [DTD+23]. **robusta** [KTB+21]. **Robustness** [LSL20, LBL22, MP23]. **rocky** [SBS+20, CWH+21]. **rocky-shore** [SBS+20]. **rodent** [KWC24]. **rodents** [Fer23]. **role** [BDC+22, FSY22, JSL+20, LTR+24, MSG21a, PSM+21, SRTS20, TA20]. **roles** [EL21, RSC+21]. **Romagna** [MEGA21]. **roofs** [MKR20]. **rookeries** [LHH+24]. **root** [AG22, HFP20, HFP22, JZHT23, JMC+22, PMP+21, SZL+21, YLS+21]. **root-soil** [HFP20, HFP22]. **roots** [YSIB24]. **rotation** [GAMN+23, XLS20]. **Rothamsted** [JLV+21]. **roughness** [HLS+23]. **route** [KTB+23]. **routes** [NPS+23, PTD+23, SGV+24]. **Rpath** [LGA20, WA20]. **RS** [SD24]. **rubens** [BG22]. **Ruditapes** [CMGD+22]. **ruminant** [MDB+20]. **run** [BLLL21].

runoff [NA22]. **rural** [CNSK21, HCPG20, JLLS23, MFPIBGES23, YZZF22]. **rust** [CGB+23]. **Rwanda** [GVG+23].

S [CDJ+22, FSZ+20, FZS+20, KMP+23, COS23]. **Sable** [HBP+21]. **Saccharina** [VLGG+20]. **Sacramento** [BLLL21]. **sacrorum** [SZL+21]. **safe** [DP20]. **safeguarding** [XCH+21]. **sage** [OHP+23]. **sage-grouse** [OHP+23]. **saira** [KiAM+20]. **sal** [KWP+23]. **Salicornia** [PAPŁ+23]. **salinity** [LYC+21, TSBE23, YSFX23, ZRMW+20]. **Salish** [KNP+21]. **salmon** [BLLL21, HP20, MBB20, WDW+22]. **salmonid** [MM21]. **salmonids** [MM21, SJH+23]. **sample** [GWH20, MDT+23]. **sampled** [MGK+23]. **samples** [JM22, RGD+22]. **Sampling** [PSW22, AFG24, CWH+21, MDT+23, RAC+24, VPV21]. **sanctioning** [LL22]. **sand** [SWF21]. **sandstone** [ZLZ+24]. **Sanggou** [FMH+20]. **sapidus** [CMFC23]. **saplings** [BLB+24a]. **sardine** [HMVR21, PYD+21a, PYD+21b]. **Sardinella** [HMVR21, PYD+21a, PYD+21b]. **SARS** [CYP+20, Cor20]. **SARS-CoV-2** [CYP+20, Cor20]. **satellite** [CSZY+20, HBMR24]. **saturation** [dSCdA21]. **saury** [KiAM+20]. **savanna** [ABRG21, DDG+21, DDDC21, MMdP+21, dRMJdS23, YCK20]. **savannahs** [MTW+22]. **savannas** [WMA21]. **saved** [SCH+21]. **Scale** [BHC22, YB22, AJ22, BLL+23, CBW22, CLPZ20, CSM23, CXZ+23, CWH+21, CYP+20, Cor20, CKK+24c, FWK+20, FFM+23, GMM+24, HBP+21, HAZEF23, HLM+20, JSD+22, KTB+23, KKF+23, Kos22, KTB+21, MAGR+22, MBG+22, PDGB21, PBS21, PMP+21, PCK+22, STQ+22, SdlP20, SLY+21, SKW23, TLL+23, TRMB20, VPV21]. **Scale-dependent** [BHC22, YB22]. **scaled** [AHO+20]. **scales** [ATP20, BAR20, DKM+21, KMH+21, MKS21, MM21, OZSU22, PTRP23, RLM23]. **scaling** [SdlP20, XJW21]. **scarce** [GSRB22, MJ24]. **scarcity** [DYMD22, RSASP22]. **scavenger** [KHR23, PR23]. **Scavengers** [PR21]. **scenario** [DSC+21, MP23, MTZA23, WFW+24]. **scenario-based** [DSC+21]. **scenarios** [BOLC+22, JHL23, MTBB22, MSS24, SBM+22, SMV+20]. **scene** [TWL+22]. **scheme** [VPV21]. **schemes** [BJKT21]. **Schichaa** [TCG+20]. **school** [dKS22]. **schooling** [WLY+23, dKS22]. **science** [DK22, EMH+22, JMM+20, KRM+22, LJRM+20, VMH+21, ZJEG24]. **scope** [OHP+23, YYS+22]. **Scotland** [CKK+24a]. **Scots** [ML20, SGRDA+24]. **Scottish** [CKC+24, CKK+24c]. **screening** [PMZ+21, dGZHCA24]. **scrofa** [KT22]. **SDM** [LJRM+20, MGK+23]. **SDMs** [MDT+23]. **Sea** [RSC+21, RSC+23, SRB+20, AJ22, APGD+21, CRZ+23, EVHS21, GMM+24, GGMR20, LHH+24, LHDBN20, LBB20, MM21, PTD+23, PR22, RM20, SPB+24, WBW+20, WBD+22a, BNN20, EWE20, GSJ+20, KNP+21, NHGP23, OCT+23, PA20, PTNR+20, SGTS21, SGTS23, SRK+20]. **seabass** [DHW+20]. **seabird** [ARSC22]. **seabream** [DTD+23]. **seagrass** [LTR+24, PR22]. **seagrasses** [VN23]. **Seamlessly** [LZW20]. **Searching** [BWSS21, CBSB23]. **seas** [SHF24]. **SEAS5** [NLMM23]. **Seaside** [HBP+21]. **season** [DZC+23a, DZC+23b, HGBK23, LZD+24]. **Seasonal**

[NLMM23, ZWZ+20, BMB21, DMdR24, HMVR21, HKSM23, KABL21, SSM24, SIOM24, STW+23, WHL+23, XYZR21, ZS20]. **Seasonality** [MPPM23, NWJ+22, MMC+21]. **seasons** [CRZ+23, GDC24]. **seaweed** [FMH+20, LUV+23, WT20, vOVvdW23]. **seaweeds** [vOVvdW23]. **secondary** [CGV22]. **section** [LDC+20, XHS+24]. **sectional** [RAC+24]. **Sector** [XLM+23]. **sectoral** [BCW+23]. **security** [GHbS21, LPA+21, LYL+24, WZLC24, ZHJQ23, ZHC23]. **sediment** [HKH+20, LCLG20, NA22, SBMF23, TGRM23, WPL+23, ZWZ+20]. **sediment-inhabiting** [SBMF23]. **sediment-water** [WPL+23]. **Seed** [LKO20, CGV22, WSW23]. **SEEMS** [CXZ+23]. **segregation** [Kos22]. **Segura** [ZGMFESD23]. **SEIB** [VK24]. **SEIB-DGVM** [VK24]. **SEIR** [BGC+23]. **SEIR-Metapopulation** [BGC+23]. **select** [VPV21]. **Selecting** [BMM22]. **Selection** [BS20, LJ21, SC24a, SM20, WWF+23, WT20, dVDC20]. **Selective** [ZGG22, BSS+24, BACS22, BdBG+21a, BdBG+21b, NK23]. **Self** [LHL22, AVP+23, EL21, GSH+22, KBAC20, LCP+20, PF23, YEL+21]. **self-compatibility** [AVP+23]. **self-exciting** [GSH+22]. **self-fouling** [PF23]. **Self-healing** [LHL22]. **self-organization** [YEL+21]. **self-organizing** [EL21, LCP+20]. **self-shading** [KBAC20]. **SEM** [LNK+21]. **semantic** [PTRP23]. **semelparous** [TK20a]. **Semi** [AZMD+22, BGA22, FS22, KWP+23, LHJ+24, MPSS24, NWO21, PAdS+24, WFW+24]. **semi-arid** [FS22, LHJ+24, MPSS24, NWO21, PAdS+24, WFW+24]. **semi-mechanistic** [BGA22]. **semiarid** [PGSL+20]. **sensing** [AMP+23, ACFM22, DIS23, HGBK23, ILLM20, LDR+20, Lia23, SNP+23]. **sensitive** [GWH20, PMB+22]. **Sensitivity** [CGVC21, FEPR24, HLH+21, MLP+20, OFH+20, PMZ+21, RGB+23, SC21, WSHZ24, WXT+20, WLT+23, YSIB24, vDC20, BGCJ21, BLSR+20, DMdR24, HRW+24, HEL+21, Mat23, PFM+21, RS23, TGB+23, TK20b, WA20, XHS+24, dGZHCA24]. **sensor** [JVGC21]. **sensors** [HKH+23]. **Sentinel** [CSZY+20]. **Sentinel-2** [CSZY+20]. **Separating** [GSH+22]. **September** [Ano20l, Ano20x, Ano21l, Ano21x, Ano22x, Ano23x]. **Sequential** [SDH21, WST+23]. **sequestration** [MTBB22, RMO22, WZLC24]. **series** [DMG22, LCP+20]. **service** [CVTS20a, CVTS20b, GZW+20, JSL+20, MEGA21, MTZA23, PTRP23, PDGB21]. **services** [ABM20, BGA+23, BDA+20, CAFT22, CL21, CLY+23, GMS+23, GSA24, JHL23, LL21, LZL23, LPD+20, PGP+22, PRdN+20, SJA+22, WFW+24, XCH+21, YPS+21, ZHC23]. **sessile** [NYH20]. **set** [LBT+22]. **sets** [BS20]. **settlement** [SC24b]. **several** [GLK+22]. **severity** [AB21]. **sewage** [LZL22]. **sex** [MGWG22, WZWF20]. **sexual** [MSG21a, MSG23]. **sexualization** [MGWG22]. **Shaanxi** [LZSQ20]. **shad** [PSBE23]. **shading** [GZW+20, KBAC20]. **shallow** [WPL+23, WCG+24, YXY+20]. **Shandong** [LGL+24]. **shape** [CIL+20]. **shape-constrained** [CIL+20]. **shaped** [LPL22a, dKS22]. **shared** [SWL+23]. **sharing** [ZL24]. **shark** [KCHZ21]. **shawi** [ZMG+21]. **sheep** [DGSM21]. **shelf** [SPB+24, PTG+20]. **shelled** [EV22]. **shellfish** [GMM20, LUV+23, PGB+20]. **shift**

[LhNA+21, LhNA+22, LDXJ22, WCG+24, dGMCM+23]. **shifts** [LVM+22, NHGP23]. **shikokuense** [SGH+23]. **shocks** [JST+22]. **shore** [SBS+20]. **shoreline** [MSL+21]. **short** [BP21, EVHS21, JvVvHH24, LCP+20, LGK+23, SZ20]. **short-lived** [LGK+23]. **short-term** [EVHS21, JvVvHH24]. **short-time** [LCP+20]. **should** [RAB21]. **shows** [GGMR20, SG20]. **shrimp** [dMFOM+20, LGL+24, RWF22]. **shrub** [ALS+21]. **shrub-meadow** [ALS+21]. **Siberia** [GHK23]. **sickness** [Gat20]. **SIF** [YYS+22]. **sightings** [WWP20]. **sigmoidal** [PCN+23]. **sign** [WSFZ21]. **signal** [GSH+22]. **significantly** [CAFT22]. **silico** [PNGESS21, dFT+20, FCFCM24, PSM+21]. **silver** [SKW23]. **similar** [ML20]. **simple** [JMHH22, MM21, TDI+20]. **simplification** [AIA+23]. **simplified** [Jag20]. **Simplifying** [CGVC21]. **SIMREG** [PPH+21]. **simulate** [BSS+24, DDH+22, DBN+22, EHS+20, LPHO+20, MPCG21, PPH+21, TGB+23, TPD+24]. **Simulated** [SMV+20, AP22, KKH+24, LVM+22, LCW+21, WHL+23, WSHZ24, YYS+22]. **Simulating** [ADR21, BGC+24, CGRR+24, CWW+23, EVT+21, FTH24, KDH+21, KS22, LMW+23b, PBS21, SSJC23, SJH+23, WGK+21, WCG+24, YLS+21, AMK21, CXZ+23, EON23, LPS+21, SCG+23, TGL+22]. **Simulation** [ASL+20, JLLS23, LZW20, SNP+23, ZBH+22, ZZLF24, AXMJ22, BLB+24a, BSR21, CM21, CLG20, DPA21, DPC20, FZS+20, GDF22, JHKT+23, LKP+20, LP22, LDX+23, LWL24, MP23, MTZA23, MTT22, NGA+20, OHH+21, OHP+23, SFGB23, SG20, TBCV22, TSBE23, Tur20, VK24, WWC+22, WXX+23, WMA21, WFW+24, ZLLZ24, ZL24, ZHWZ23, ZLZ+24, dPGDdFS24]. **simulation-based** [DPA21]. **Simulations** [LPL22b, PMB+22, DMGP20, GGE+23, KHH+22, KHH+24, PR21, RSB+23, RRCZ20, SMS+24, WA20]. **simulator** [CXZ+23, KWG+22a]. **simultaneous** [MTT22, RMK21]. **simultaneously** [GSJ+20]. **sinensis** [ZWL+21]. **single** [GAM20, RCCLMGV22]. **sink** [BWT+24]. **sinusoidal** [LPL22a]. **sinusoidal-shaped** [LPL22a]. **Sio** [COS23]. **Sio-Malaba-Malakisi** [COS23]. **SIR** [Laz23]. **Sistan** [EGAS23]. **site** [EVHS21, FFM+23, NND+22, STW+23, WT20]. **site-level** [STW+23]. **site-scale** [FFM+23]. **sites** [PAPŁ+23, WLZ+23a, WWP20]. **six** [CDN+23]. **size** [BGCJ21, DMPLHGL20, HES+20, HES+23, KAMS22, LP22, MBS22, NK23, PAS+22, PSZ20, RGD+22, RMA+24, WZHP21, XYZR21, ZZŠ+22]. **size-selective** [NK23]. **size-spectrum** [HES+20, HES+23]. **size-structured** [MBS22, XYZR21]. **sizes** [HH23]. **sketches** [LLZM20]. **skill** [HFSL+24]. **Skudai** [BH21]. **slope** [ETAAH21, SZL+21]. **slopes** [ZLZ+24]. **slow** [LM21]. **small** [APF21, CSM23, CXZ+23, CSMP21, GMM+24, RJY+20, SLB+20a]. **small-scale** [CSM23, CXZ+23, GMM+24]. **smallholder** [ASKR24]. **smallmouth** [LBI+20]. **smart** [CMSD+22]. **smarter** [BCW+23]. **smolts** [WDW+22]. **snail** [YKZ+23]. **snow** [OCT+23]. **Sociability** [BSR21]. **Social** [MFPIBGES23, ASKR24, AAC20, BGS+20, BAM23, GCS+21, KS22, LCM24, PAS23, PHL20, RTH+21]. **Social-ecological** [MFPIBGES23, BAM23, PHL20]. **Socio** [CXZ+23, DS21, LPD+20, OBFH22,

GM23, LCM24, PG23, RBEC21, WG21, ZJEG24, ZGMFESD23].
Socio-Ecological
[DS21, LPD+20, OBFH22, LCM24, RBEC21, WG21, ZGMFESD23].
Socio-econ-ecosystem [CXZ+23]. **socio-environmental**
[PG23, WG21, ZJEG24]. **socio-MFA** [GM23]. **soda** [PAPŁ+23]. **sodicity**
[TSBE23]. **soft** [vdHNH+20]. **soft-bottom** [vdHNH+20]. **Soil**
[TK20b, AMK21, AB21, AKY+22, BMAME+23, BMS+20, CM21, DCT+21,
DPA21, ETAAH21, HKH+23, HGBK23, HFP20, HFP22, JMPB24, KKP+21,
LLLZ21, LCW+21, LSS+21, LLW+21, LMW+23b, MSG+21b, MTT22,
PAPŁ+23, PSM+21, RGD20, TLC+22, TDI+20, TGL+22, YG21, YLLL23,
ZRMW+20, ZLZ+24]. **soil-dwelling** [PSM+21]. **soil-plant**
[PAPŁ+23, TGL+22]. **soils** [SMM+22, XWZ+22]. **Solander** [MTL+23].
solar [YYS+22]. **solar-induced** [YYS+22]. **sole** [MLP+20, MPL+20]. **Solea**
[MLP+20, MPL+20]. **solid** [CAS+24, IA23]. **solution**
[JVGC21, JASW23, Mas23, NND+22, SACE+20]. **solutions**
[MTT22, WZLC24]. **solving** [MYH+20]. **somatic** [KABL21]. **sophisticated**
[KHH+22, KHH+24]. **source** [ELS23, GJC+20, LGA20, ZZZD22]. **sources**
[DBK20, HWS+23, PSM+21]. **souring** [MKN23]. **South**
[MDB+20, ARSC22, CRZ+23]. **southeastern** [SLHB+23]. **Southern**
[APGD+21, HSL+22, LCW+21, PTNR+20, BARF20, GSA24, SGTS21,
SGTS23]. **Southwest** [LZL22, ZHJQ23]. **southwestern** [YA24, dSRDC+23].
soybean [dSBDH23, Hop23, RFdL+24]. **soybean-maize** [dSBDH23]. **sp**
[KDC+21]. **Space** [RWS+21, TLH+20, ABB23, DDG+21, EVHS21, HHFB23,
KMH+21, MM21, ZS20]. **spaces** [GZW+20]. **Spain** [ZGMFESD23].
Sparrow [HBP+21]. **sparse** [AMK21]. **Spatial** [BLP20, CCH20, LGG+22,
LW23, RS23, Sak23, SACE+20, WHdBB21, WZHP21, ATP20, BRC+21,
BSM23, CLY+23, CJM+23, CSM23, CLG20, DIS23, DMM+23, EON23,
ESZ+23, AAAR23, FTH24, GSA24, GWH20, GZK+20, HSL+22, LGFT+20,
LDR+20, LZL23, LQH24, MKR20, MLJ+23, MSLM+24, MMRBLN20,
NHGP23, NL20, OCT+23, PEFW20, PSZ20, RAB21, RRFLV+22, RWS+21,
SRTS20, SC24b, TWL+22, ZZQ23, dMT23, dGMCM+23, dAdSCA20].
spatial-explicit [LQH24]. **Spatial-moment** [BLP20]. **spatial-temporal**
[EON23]. **Spatially** [ABZ22, GCB+22, SOV21, AE22, BSU+23, BSR21,
BR22, CAB+21, DMM+23, DDG+21, GRCSA+20, JMM+20, JSL+20, KS22,
KWG+23, PRdN+20, SLHB+23, SJA+22, WBW+20, WBD+22a].
Spatially-explicit [GCB+22, DDG+21, KWG+23, WBD+22a]. **spatio**
[GSJ+20, LRA+20, NWO21, NO23, ZHWZ23]. **spatio-temporal**
[GSJ+20, LRA+20, NWO21, NO23, ZHWZ23]. **Spatiotemporal**
[CL21, LYL+24, ZSS21, DMGP20, SBS+21, WWC+22, YD20, ZPZ+22].
spawning [DSHB23, LWE+22, WLZ+23a]. **special** [CSM23, LSG21, Men22].
Speciation [FAC22]. **specie** [ILLM20, ZLL+23]. **Species**
[BM22b, BM22a, CLPZ20, EMH+22, HHI+22, HPMB20, dSRDC+23, AHH22,
AMP+23, AM21, AFdSM23, ALJ+22, AARS23, BOLC+22, BAAN24,
BSCH23, BGCJ21, BS20, BWSS21, BM21, CSBS21, CWF+21, CNSK21,

CIL+20, CPTD22, dSCdA21, CKC+24, CKK+24b, DTD+23, EVT+21, FSY22, For20, FG21, GGS+22, GWH20, HLZ+22, HFSL+24, HLH+21, HNC+21, Ino22, JLH+21, JL23, JMM+20, JHKT+23, KWC24, KABL21, LYZ+24, LDXJ22, MSG23, MGK+23, MRR+20, MAGR+22, MMRBLN20, MVAD20, MPCG21, MBD+22, NL20, NTHC23, NMGFOB21, OMP+23, OW20, Pre22, RSWS23, RCCLMGV22, RBGB23, RPT21, RAB21, SVK20, SvV21, SACEU+21, SKW23, SWL+23, SC23, TK20a, TBP+23, TRMB20, TCB21, VMH+21, VPV21, VRS20, WZHP21, WSM24, WT20, WTT+21, XCH+21, YXH20, YB22, YCI20, ZWL+21, dAdSCA20]. **species-area** [VPV21]. **species-predictive** [JLH+21]. **Species-specific** [HPMB20]. **specific** [HPMB20, KWM+24, TK20a]. **spectral** [CSZY+20]. **spectrum** [BGCJ21, HES+20, HES+23, LM21]. **speeds** [Gat21]. **spillover** [MB22]. **spinipes** [KD20]. **Spodoptera** [BSU+23, dAWG23]. **spot** [MZLRSZ21]. **spp** [GGS+22]. **Spread** [BAPW20, AVP+23, BGC+23, CAH22, EVHS21, JB22, LDXJ22, MSLM+24, WHE+24a, WHE+24b]. **spreading** [ABZ22]. **spring** [Che21, LLZM20, Tsy22]. **spring-fed** [Che21]. **Springer** [Mea20]. **spruce** [BG22, SCG+23, STRC24, cNKF24]. **squirrels** [CAB+21]. **St** [MSL+21]. **St.** [KWM+24]. **Stability** [NDNN22, BACS22, CP22, ETAAH21, GWH20, RLM23, SE21, SZL+21, WLWL23]. **stabilize** [Oku21]. **stabilizing** [YA24]. **Stable** [YL22, JvVvHH24]. **stage** [HKG+24, PSM22, QZSV21, dVDC20]. **stage-based** [HKG+24]. **stage-classified** [dVDC20]. **stage-structured** [PSM22, QZSV21]. **stages** [DIS23, JMHH22, Jia21, MFF+24]. **stakeholder** [DDL+20, NBMD21]. **stamp** [AXMJ22]. **stand** [BLL+23, BLB+20]. **Standard** [Mat23, JGG23, Koo20b, PAB+22]. **standardization** [For24]. **stands** [CSZY+20, CWW+23, EVT+21]. **stanza** [DPC20]. **starfish** [MAB23]. **start** [Tur20]. **starting** [RFHR23]. **starvation** [WWA+22]. **State** [DGSM21, EVHS21, MRR+20, BdCCdSAdS23, FWK+20, HHFB23, JZS+21, NBU+23, OHP+23, RFHR23, RFHR24, RMA+24, ZS20]. **State-** [DGSM21]. **state-and-transition** [OHP+23]. **State-space** [EVHS21, ZS20]. **Stated** [BBCD23]. **States** [CBG+22, JvVvHH24, KNP+21, YA24]. **stationarity** [HSL+22]. **statistical** [CSBS21, RSWS23, VPV21]. **statistics** [CDNN+20]. **status** [AFG24, BS21, PGB+20, RSC+23, WLZ+23a, Yao21]. **steady** [AXMJ22]. **Steller** [RM20]. **step** [EON23, OCT+23, SACEU+21]. **step-by-step** [EON23, SACEU+21]. **sterile** [HLB+20, DBN+22]. **Sterna** [ARSC22]. **stinger** [EWE20]. **Stochastic** [STQ+22, SdlP20, BVM+21, FCFCM24, GWD+23, KAB23a, KWG+22b, LCMB21, NTHC23, PDH+22]. **stochasticity** [vDC20]. **stock** [AJ22, DIS23, YRK+20]. **stock-recruitment** [AJ22]. **stocking** [DP20, JST+22]. **stocks** [FEPR24, MSG+21b, YA24]. **Stocktake** [ECC+22]. **stoichiometric** [AKY+22, CDJ+22, KWG+22b]. **stomatal** [Mas23]. **storage** [PZH+21, RFF+23, TLC+22, WYBX23, XLS20]. **storms** [SMS+24]. **stormwater** [NBML21]. **story** [PSW22]. **Strait** [MPPM23]. **strategic** [GHbS21, RFHR24]. **strategies** [BSU+23, BSE21, CTL22, CC20, DDL+20, HCPG20, LBPL20, MPA+24, MD23, PSM+21, TLL+23, VBH20, WZWF20, WLQ+23, WWCT24].

strategy [AXMJ22, BPB+20]. **stream** [BdBG+21a, BdBG+21b, HMDO20]. **Strebel** [GSM+20]. **street** [GZW+20]. **Strengbach** [BPL+20]. **strength** [BWT+24]. **strengths** [CDNN+20]. **stress** [GSJ+22, GRAA22, KFM+23, LCP+20, LBI+20, RFdL+24, RGB22, VVH+20]. **stressed** [MBG+22]. **Stressor** [SGCFB22]. **stressors** [MAB23]. **strong** [RBGB23]. **structural** [DAQ20, MFZ23, SBS+20, SBS+21, YZZF22, YEL+21, dFT+20]. **Structure** [LB21, AE22, AM22, AHO+20, BMM22, BSR21, CSB22, JSL+20, KTB+23, KHS+23, LRA+20, LGG+22, LSL20, LW23, MPMT23, MLJ+23, MPPM23, MMC+21, NL20, PDH+22, RRSG21, RWS+21, SZPW23, VSB22, WSFZ21, XFK21, YA24]. **structure-preserving** [AM22]. **structured** [KK20, MBS22, PSM22, QZSV21, WZWF20, WFD23, XYZR21]. **structures** [KSJ22]. **studies** [CdCAC+20, ŁKPK22]. **Study** [DBK20, PSG21, SZ20, YJC+24, AFdSM23, AIA+23, BCW+23, BH21, BGK+20, BG22, BARF20, Che21, CPTD22, ETAAH21, ENARM+23, GAC+21, Gon23, GSJ+20, HHT21, HCL+22, JLLS23, LPSF24, LP22, LZSQ20, LDZ21, LZL23, LDX+23, LPA+21, LCMB21, MS20, MTT22, MVC+22, OHH+21, OBFH22, OCT+23, PHK23, PAPŁ+23, PMP+21, PTNR+20, RBGB23, RKN+21, RAB21, SLC+23, SHT21, SG20, SPPC21, SWP+23, SZL+20, TCG+20, TLH+20, TMNA20, WBD+22b, XWZ+22, XHS+24, XMWL23, YKZ+23, ZMK+22, ZHJQ23, ZZQ23, ZLML20, ZLZ+24]. **studying** [DRZ+24]. **subcatchment** [SRTS20]. **subject** [AWW24]. **submarine** [Che21]. **submerged** [NKT+20]. **submodules** [PTF23]. **Subnational** [HLM+20]. **subpinnata** [MTL+23]. **subsidence** [RGD20]. **subsidized** [STQ+22]. **substitutable** [RK20]. **substitution** [QS23]. **subtidal** [GSM+20]. **subtropical** [BGC+24, CLW+24, PZH+21, RGD20, SC21]. **success** [KN20, MJS24, OHP+23, SG20, SKH+20, WZWF20]. **Succession** [YXH20, HSF+20, LM23, SLLW21, ZGG22]. **successional** [FFM+23]. **Sugar** [VLGG+20, AAM+22]. **sugarcane** [BMRF21, MBR+23]. **suggestions** [LCLG20]. **suggests** [MJ24]. **Suitability** [YHC+21, BOLC+22, BHC22, BBSHC22, HK23, ILLM20, JLH+21, KKF+23, LZD+24, ZWL+21]. **Suitable** [YXY+20, BG22, USA21]. **sulfide** [CWW+23]. **sum** [LBN+22]. **Summer** [KFM+23]. **Summit** [PKB+23]. **sums** [DMG22]. **sun** [SPPC21]. **sun-induced** [SPPC21]. **Sungo** [SZL+20]. **sunlight** [ZOJ+23]. **superiority** [GSRB22]. **supersaturated** [CFL+22]. **supply** [GSA24]. **Support** [LZW20, BRC+21, EMH+22, For24, Gri20, MVC+22, NGE+21, PGP+22, WBW+20, ZWZ+20]. **supporting** [GSC+23]. **supports** [RSWS23]. **suppression** [SWL+23]. **surface** [ABC+22, BZZT22, DCT+21, HSJ+20, LCLG20, LCW+21, PFM+21, SBM+22, TGB+23]. **surface-based** [PFM+21]. **surfaces** [OW20]. **Surveillance** [HCW+22, BGK+20, SLB+23]. **survey** [KCHZ21]. **surveys** [PM22]. **survival** [AWW24, APF21, ALK20, dSCdA21, DHW+20, PSBE23, RMA+24, SdlP20, WRC21, WBD+22b]. **survivorship** [RAC+24]. **Sus** [KT22]. **Sustainability** [SLY+21, ZMK+22,

ABKA24, AAC20, DYW+22, ESCA22, HL23, LL21, LGL+24, MDB+20, MSS24, NGA+24, PHL20, RGRMRR20, RBEC21, TWL+22]. **Sustainable** [BSE21, LPA+21, ŁJ21, Ano20-49, AKM22, dSCdA21, EON23, GCMU23, HAZEF23, HWS+23, MTZA23, NMV+23, PGB+20, RLM23, SvV21, SSB22, WrJP+22, HL23]. **Suzhou** [BCW+23]. **suzukii** [RRSG21]. **swarming** [LAK+23]. **swarms** [SGV+24]. **Sweden** [BLL+23]. **swimming** [LHDBN20]. **swine** [MD23]. **swirskii** [TCG+20]. **switching** [GWD+23]. **Switzerland** [Mea20]. **sylvatic** [EBMK20]. **sylvatica** [SKW23]. **sylvestris** [EVT+21]. **symbionts** [KKP+21, MGC24]. **symbiosis** [KRMP23, RTH+21]. **sympatric** [Kos22, NMGFOB21]. **symptom** [Gat20]. **synchronized** [KK20]. **synchrony** [GZ23]. **syncronization** [ABZ22]. **synergistic** [MMdP+21]. **synthesis** [TLC+22]. **System** [EL22, LB21, YDQ+23, ABKA24, AM21, BGA+23, CMGD+22, CBSB23, ENARM+23, GLA+20, GM23, HSP+22, HCL+22, HSD+21, HWS+23, HK23, JZHT23, JST+22, KMH+21, KKP+21, KCS22, KWG+22b, Kle23, LZW20, LYM+23, MPSS24, MDB+20, MF20, MMMS23, OSPZ22, PHK23, PAPŁ+23, SQDM21, SM22a, ST24, TSUY23, TK20b, ZLLZ24, CFG+22, DBDR22]. **Systematic** [DK22, ECC+22, dSRDC+23]. **Systems** [DS21, VLGG+20, ADR21, AGS+21, AGS+22, CXZ+23, DS24, FS22, GMM+24, HSP+22, JPMA+23, JMPB24, LHDBN20, LZSQ20, LCM24, MAD+20, MAN+20, MDB+20, MTW+22, MFPIBGES23, MSG+21b, MBMV20, NGA+24, NWJ+22, OBFH22, PHL20, PMP+21, SC24a, SGPSzC22, SLY+21, SC24b, TQM+24, Tur20, WG21, Wu24, ZJEG24, ZZWF21, ZBH+22].

T. [EBMK20]. **tackle** [DSC+21]. **tadpoles** [CMS+21, PDG+20]. **tagging** [PDD+22]. **tags** [HBMR24]. **Taihang** [ZZLF24]. **tail** [ŁJ21]. **Tailed** [HCW+22, BGK+20, KS22, TBM+24, VRW+21]. **take** [DS23]. **Tana** [TGRM23]. **tangent** [PSZ20]. **Tanzania** [MDP21]. **targeted** [GSJ+20, PEFW20]. **targeting** [MVC+22, TCB21]. **tasks** [AGS+21, AGS+22]. **taxa** [CGRR+24]. **taxes** [SML+20]. **taxonomic** [RBGB23]. **Taylor** [XJW21]. **Teaching** [Por21]. **technique** [CCH20, DBN+22]. **techniques** [ASHK22, BAR20, GM23, HLB+20, SD24, SWP+23, USA21]. **technogenic** [PAPŁ+23]. **technologies** [COJ23]. **teleconnected** [LL21]. **telemetry** [BVR+20, LDC+20]. **temperate** [BGCJ21, BWT+24, CAK+23, KABL21, TDI+20, VK24]. **Temperature** [MBMV20, AJJ24, CRZ+23, DMdR24, GSJ+22, HML+22, JPL21, MGWG22, NGE+21, PGdAM+20, SSM24, SBR20, SMS+24, TA20, VJK+23, WBD+22b, YSFX23]. **temperature-** [SBR20]. **temperature-dependent** [HML+22, MGWG22, NGE+21, PGdAM+20]. **temperatures** [ABC+22, FWK+20]. **Temporal** [CPTD22, BSR21, DKM+21, EON23, AAAR23, FS22, GSJ+20, HMC20, LRA+20, LCP+20, LSL21, NWO21, NO23, NK23, PAS23, RAC+24, SBR20, WYBX23, ZHWZ23]. **temporally** [BR22]. **tempos** [Ano20-49]. **tendency** [LJP+22]. **tendency-prediction** [LJP+22].

Tenuipalpidae [AFdSM23]. **term** [ABH+20, BLB+20, DYMD22, EVHS21, JvVvHH24, JLV+21, JSD+22, PKO+21, RSASP22, SZ20, YSIB24]. **termite** [LPL22a]. **Tern** [ARSC22]. **terrestrial** [ASHK22, LC20, OTR+21, OKS+21, QS23, WHL+23, WWP20, WLZ+23b, ZS20]. **territorial** [ŁJ21]. **territoriality** [TPD+24]. **territories** [CDC+22, KRM+22, MOS21]. **territory** [SM20]. **Test** [HFP22, RFJ+22]. **tested** [FG21]. **Testing** [JMHH22, MDT+23, SM22b, CdCAC+20]. **Tetragastris** [dOPdMdS+21]. **Texas** [YCK20]. **Thanks** [Des21]. **Thau** [PGB+20]. **thawing** [LCW+21]. **their** [BCMV20, CZ21, FSZ+20, FZS+20, FHP+22, GMM+24, HHFB23, Jia21, LZL22, OKS+21, RRFLV+22, SINS22, YD20, ZFC+23]. **theorem** [Men22]. **Theoretical** [MAN+20, BMS+20, GRS+20, KAB+23b]. **Theory** [Ano20-51, VLGG+20, CIL+20, DYW+22, GLA+20, HFP20, LPL22b, LSG21, MTS+20, MBMV20, PSW22, SGLK20, SACE+20, XJW21, XHS+24, ZSS20]. **Thermal** [Che22, MGWG22, Che21, Tsy22, VJK+23]. **Thermodynamic** [CWF+21, WCF+22]. **thermodynamics** [MPMT23]. **thermoregulation** [HBMR24]. **thinning** [EVT+21]. **Thirteen** [LGK+23]. **thorns** [MAB23]. **threat** [JASW23, MAB23, SRÁMH+20]. **threatened** [HP20]. **threats** [GHbS21]. **Three** [NBML21, ABB23, LWE+22, LPHO+20, NSS+23, PCN+23, PCK+22, TWL+22, WA20, YLS+21, XWX+24]. **Three-dimensional** [NBML21, ABB23, LWE+22, TWL+22, YLS+21]. **threshold** [HH23]. **thresholds** [HKH+20, TA20]. **thrips** [CMSD+22]. **Thunnus** [DPC20]. **Tianjin** [LZF21, LW23]. **Tianshan** [ZLLZ24]. **Tibet** [ALS+21, LWL24, WLZ+23a, Yu20, YJC+24]. **Tibetan** [ZPZ+22]. **tick** [AV22, EBS23]. **tick-borne** [AV22]. **ticks** [WBD+22b]. **tidal** [BdBG+21a, BdBG+21b, KSJ22]. **tides** [SRB+20]. **Tiezzi** [Ano20-49]. **tiger** [AAAR23]. **tilapia** [DMPLHGL20]. **tillage** [GAMN+23, YLLL23]. **timber** [XLS20]. **time** [BAAN24, DMG22, HMC20, Jia21, LCP+20, LJP+22, LHL22, MLV24, MM21, RLM23, SE22]. **time-averaged** [HMC20]. **time-dynamic** [BAAN24]. **time-scales** [RLM23]. **timescale** [AAR23]. **timescales** [MSML21]. **Timing** [BVM+21, CGB+23, FS22, LAK+23, LBGD21]. **Titicaca** [DVVH21]. **tool** [GZK+20, MGK+23, MPC+22, MS23, MM21, NMC+20]. **tools** [Yao21]. **Tooth** [MSG21a]. **top** [CDN+23, KKH+24]. **Topological** [LDR+20]. **Topology** [MEPJ21]. **topsoil** [VPAV22]. **tourism** [GCS+21, LL21]. **tower** [ASHK22]. **tox** [AVRC+20]. **toxic** [PAPŁ+23]. **toxicity** [BMS+20, CBSB23]. **toxicodynamic** [JGG23]. **toxicokinetic** [JGG23, MLP+20]. **toxicokinetic-toxicodynamic** [JGG23]. **toxin** [CMKF22]. **toxoid** [LPSF24]. **tracking** [LWE+22, SJH+23, WSW23, ZWZ+20]. **Trade** [JHL23, PF23, CSCT23, CP20, DSC+21, LMW+23a, NO24, Pér24, SML+20, ZLML20]. **trade-off** [CSCT23, CP20, NO24, Pér24]. **Trade-offs** [JHL23, PF23, DSC+21]. **tradeoff** [RTH+21]. **tradeoffs** [LGA+21]. **traditional** [NGA+24]. **trained** [HFSL+24]. **training** [MS20]. **trait** [BDC+22, HHT21, RFJ+22, ZMS20]. **trait-** [ZMS20]. **trait-based** [BDC+22, RFJ+22]. **traits** [AVP+23, CMGD+22, CLW+24, EHS+20,

GRCSA+20, HKSM23, PKO+21, SLYL+20, SHT21, SPV+21, Vas20]. **trajectories** [AADHA+23, COS23, FG21]. **trajectory** [SDSP+21]. **trans** [KMP+23]. **trans-CLUE-S** [KMP+23]. **transboundary** [COS23]. **transcriptomic** [GML+20]. **Transdisciplinary** [Por21]. **Transeius** [TCG+20]. **Transfer** [XZZ+22, vdHNH+20]. **Transferability** [GVG+23, RFJ+22, CPTD22]. **transfers** [KKP+21, SML+20]. **transformed** [GCMU23, MPMT23]. **Transient** [CTL22, ZZZD22]. **transit** [MLV24]. **Transition** [MT23, OHP+23, TTPA21]. **Transitioning** [Ano20-51]. **transitions** [HCX+21, KMP+23]. **transmission** [CLHZ22, EBMK20, KE24, KS22, LGFT+20, MSLM+24, MD23, RWS+21, TLL+23, TBM+24, ZXK+24, vWVH20]. **transmitted** [MMMS23]. **TransparC2U** [CM21]. **transpiration** [HFP22, ZFC+23]. **transport** [BdBG+21a, BdBG+21b, CMFC23, LWE+22, SPB+24, WPL+23, MLJ+23]. **transportation** [LPL22a]. **trap** [AP22]. **traps** [HI22]. **travel** [Lef23]. **treatment** [BSU+23, LZL22, MKN23]. **treatments** [GAMN+23]. **Tree** [HHI+22, dSMPA+22, ABRG21, CAK+23, CAK+24, CNSK21, DMG22, HHBF24, HFP22, JMC+22, LGG+22, LPS+21, MRR+20, MLJ+23, PVS+21, PPH+21, PKO+21, Pre22, SLHB+23, SKW23, SCH+21, SBR20, VJK+23, WHE+24a, WHE+24b, WHL+23, WYBX23, ZOJ+23, ZLL+23]. **tree-based** [WYBX23]. **tree-level** [PPH+21]. **treehopper** [PTBFP+20]. **treeline** [BS20]. **trees** [AMP+23, FG21, GHK23, GSMD24, IA23, LDR+20, LMW+23b, YCI20]. **trend** [AFG24]. **trends** [CZ21, dSRDC+23, RAC+24, SDP23, ZPZ+22]. **trials** [NS20]. **triangulifer** [KFJS20]. **Triatoma** [FC21]. **Tribolium** [dVDC20]. **tributaries** [MSL+21]. **Trichodesmium** [ABR24]. **triggered** [CMKF22, CLH23, RTH+21]. **tripartite** [WLWL23]. **triplet** [ABKA24]. **TRIPLEX** [LPS+21]. **TRIPLEX-Mortality** [LPS+21]. **Triticum** [GGS+22]. **tritrophic** [BMBB24, PVS+21]. **Trojan** [BPB+20]. **Trophic** [KKH+24, OHR+23, BdCCdSAdS23, BNN20, FWK+20, GLA+20, HK23, LPL22b, MZLRSZ21, PCK+22, RSC+21, SBS+20, WSFZ21, vdHNH+20]. **tropical** [BSS+24, BH21, DBV+22, FG21, HLB+20, MAGR+22, MHP+23, PYD+21a, PYD+21b, PKO+21, SPPC21, TSUY23, WGMR23, XJW21]. **tropics** [AMK21, RFJ+22]. **truthing** [ABC+22]. **tsetse** [GVG+23]. **tshawytscha** [BLLL21]. **Tumen** [JHL23, TLH+20]. **tuna** [DPC20, NPK+23, PDD+22]. **tuning** [Fou21]. **tunnel** [LPL22a]. **turbidity** [SZ20]. **turbine** [PM22, STQ+22]. **turbine-scale** [STQ+22]. **turbulence** [WSW23]. **turbulent** [LWE+22, TMNA20]. **turning** [Ano20-49]. **turnoff** [BACS22]. **turnover** [AG22]. **turtle** [CRZ+23, KABL21, LHDBN20, MZLRSZ21]. **turtles** [GDC24, LHH+24, PTD+23, SPB+24, SMV+20]. **Tuscany** [LPA+21]. **TVDI** [RFdL+24]. **TVDI-based** [RFdL+24]. **two** [AKM22, CM21, CWW+23, DKM+21, DPC20, KABL21, Kos22, LHDBN20, LYZ+24, MBR+23, NMGFOB21, TCG+20, WG21, WTT+21, ZHC23]. **two-pool** [CM21]. **two-stanza** [DPC20]. **type**

[AM21, AACCIS20, ETAAH21, Fat21, LLW+21, SQDM21]. **types** [Sak23, SINS22, YYS+22, dAdSCA20]. **typhoon** [PZH+21]. **Typical** [WXT+20, MFZ23].

U.S [LUV+23]. **Ubatuba** [OBFH22]. **Ulloa** [MZLRSZ21]. **Ulva** [LFN+20, SRB+20]. **uncertain** [VRS20, YSIB24]. **uncertainties** [CM21]. **Uncertainty** [HAZEF23, AAR23, KKF+23, LDX+23, LKO20, MLP+20, MKB+24, SACE+20, TKO+22]. **underestimate** [MBD+22]. **Undergraduate** [Por21]. **Underlying** [ZXK+24, CLH23, GSH+22]. **underpinning** [EL21]. **understand** [CDNN+20, DAQ20, MFPIBGES23, MPMT23, ZMS20]. **Understanding** [CFG+22, HSP+22, Por21, PCK+22, ZOJ+23, PTG+20, PGSL+20, SBWB24]. **Understory** [HHI+22, MLJ+23]. **underwater** [KCHZ21, SHF24]. **uneven** [JS22]. **Unfolding** [AS22, LMW+23a]. **unified** [FMRMAS24, LMNV20]. **unimodal** [CLHZ22]. **United** [Pas21, CBG+22, YA24]. **units** [ŁJ21, SRTS20]. **universal** [GAM20]. **Unlocking** [CAS+24]. **unmarked** [HI22]. **unpredictability** [cNKF24]. **Unraveling** [BMBB24]. **unravels** [vdHNH+20]. **unsampled** [MGK+23]. **update** [Gri20]. **updraft** [STQ+22]. **updraft-subsidized** [STQ+22]. **upgradation** [LZL22]. **upland** [MKEH20]. **upon** [FAC22]. **Upper** [TGRM23, DYW+22, SD24, XMWL23]. **upregulated** [MJ24]. **upscaling** [VPV21]. **upstream** [KTB+23]. **uptake** [CWW+23, GSJ+22, JMC+22]. **upwelling** [AACCIS20, GGE+23]. **Upwind** [SGV+24]. **urban** [AXMJ22, BAPW20, BCW+23, BBCD23, CLY+23, DBDR22, EL22, EON23, GZW+20, JHL23, LL21, MFZ23, MPSS24, MKEH20, MTZA23, MMMS23, OBFH22, RBEC21, SBF+21, SCH+21, SSJC23, ST24, USA21, WZZF23, XWZ+22, YZZF22, ZYK22, ZHWZ23, dMT23]. **urbanization** [BH21, QS23, YZZF22]. **urbanizing** [SZPW23]. **urchin** [APGD+21, GGMR20]. **Uruguayan** [DP20]. **USA** [AAR23, HH23, ZFT20, ZRMW+20]. **usages** [AZBdAI23]. **Use** [ACFM22, BM22b, GML+20, LDX+23, MTP+20, dRMJdS23, TLH+20, ACZ+21, CP22, DSC+21, DWG22, GCS+21, Gri20, GZD+23, HAZEF23, JLLS23, JHL23, KMH+21, LBGD21, Lia23, LAK20, LZW20, LNK+21, MTZA23, NMV+23, PHL20, PEFW20, PTBFP+20, RSASP22, RAB21, SWP+23, TGRM23, WMA21, WFW+24, YPS+21, Yu20, ZLLZ24]. **use/cover** [COS23]. **use/land** [WWC+22]. **user** [CM21]. **uses** [TGL+22]. **Using** [BAAN24, BWT+24, CSMP21, DAQ20, FDSM20, GLA+20, HCL+22, HLS+23, JGG23, JZJ+20, KAMS22, KFM+23, LPSF24, MSG21a, MSG23, MPMT23, MBD+22, NGE+21, OHP+23, TTPA21, AJG22a, ABKA24, ASHK22, AJG22b, AMP+23, AHO+20, BSS+24, BSR+23, BA20, BGA22, BNN20, BM21, BLB+20, BGC+24, CCH20, CMGD+22, CGRR+24, CSZY+20, CHR+23, COS23, Che21, CWW+23, CMG20, CIL+20, CSB22, CAB+21, CKC+24, DTR+22, DDH+22, DMM+23, DAB+20, EWE20, GM23, GCSlR22, GCS+21, GRCSA+20, GWH20, HBP+21, HKB+20, HSJ+20,

HBC+22, HGBK23, HMDO20, HLM+20, ILLM20, Ino22, IBB+21, IBB+22, JB22, JLV+21, JPL21, JLLS23, KiAM+20, KRM+22, KS22, KWP+23, LE23, LUV+23, LLB+23, Lia23, LZL22, LGA20, MLL20, MPSS24, MLJ+23, MSS24, NWO21, NGA+24, NHGP23, NA22, NTHC23, NPS+23, OHH+21, OSH+21, PMZ+21, PSG+22, PBS21]. **using** [PM22, RSB+23, RBEH21, RCSS20, SSM24, SRTS20, SD24, SMM+22, SOV21, SIOM24, SACE+20, SNM+23, STW+23, SHF24, SWP+23, SJH+23, SC23, SM22b, TK20a, TMFV22, USA21, VLGG+20, VMM+21, WLQ+23, WSW23, WA20, WSL+22, XLS20, YKZ+23, Yu20, YCI20, ZOJ+23, ZSS20, ZFT20, ZSS21, ZPZ+22, ZLLZ24, dGZHCA24, dKS22]. **Utilization** [GAMN+23, DDG+21, HLW+20, Vas20]. **Utilizing** [KKW+21, PSBE23]. **UV** [DWH+21]. **UV-B** [DWH+21].

v3 [LDX+23, BGA22]. **VA** [ZOJ+23]. **vaccine** [LPSF24]. **Validation** [dPGDdFS24, CDC+22, DDG+21, FZS+20, FHP+22, dRMJdS23, OFH+20, PFM+21, PAdS+24, WHdBB21]. **Valley** [BLLL21, WWF+23]. **Valuation** [SAdA+22]. **Value** [DS21, LB21, BARF20, CL21, GPN+23, LC20, Men22, WFW+24, YZF20]. **valued** [RUTY23]. **values** [CLY+23]. **vannamei** [dMFOM+20]. **Variability** [VN23, CFG+22, FTH24, FS22, HHT21, HMC20, KD20, MSML21, MLP+20, MPL+20, NK23, PYD+21a, PYD+21b, PCK+22, SLYL+20, WBD+22a]. **Variable** [CKK+24c, NTHC23]. **variables** [AXMJ22, ALJ+22, BRC+21, DMG22, MRR+20, PPSS22, RCSS20]. **Variance** [vDC20]. **variation** [APF21, BSR21, CMFC23, CSM23, HGBK23, KAB23a, KABL21, LDX+23, Oku21, XJW21]. **variations** [NWO21]. **variety** [LZD+24]. **various** [DBK20, GAMN+23, MFZ23, WBD+22b]. **Varroa** [MMC+21]. **vary** [FWK+20]. **varying** [COPM23]. **vector** [KWG+22a, MSLMM22, OW20, TK20a]. **vectored** [RLS+24]. **vectoring** [MGC24]. **vegetable** [AAC20, ZBH+22]. **Vegetation** [WXT+20, BKTM20, BWCD23, CWY+24, CGV22, DDDC21, ETAAH21, ERP21, FMRMAS24, FSZ+20, FZS+20, JPL21, LYC+21, LCW+21, LHJ+24, LWL24, LMW+23b, MKEH20, NKT+20, QS23, WHW+23, YYS+22, Yu20, ZSS20, ZYM+21, ZLZ+24, RSB+23]. **vegetation-desertification** [FMRMAS24]. **vegetations** [SOP22]. **vegetative** [LTR+24]. **vehicle** [BLB24b]. **velocity** [AJJ24, ZLL+23]. **versatile** [MS23]. **versus** [RFPRC23, Pie23]. **vertebrates** [ZS20]. **Vertical** [Jor22, ABR24, CSB22, GMM+24]. **Very** [RSB+23]. **Vespula** [CH22]. **via** [BdBG+21a, BdBG+21b, HZ22, KBAC20, LGA+21, PF23, WLY+23, ZWZ+20, GML+20]. **Viability** [OSPZ22, AZBdAI23, CDT+23, HKG+24, LGK+23, dGMCM+23]. **Vibrio** [DEMJ24]. **video** [KCHZ21]. **Vietnam** [KTB+21]. **view** [EBMK20, KE24]. **viewing** [PAS23]. **Viewpoint** [Kle23]. **village** [JLLS23]. **vineyards** [KT22]. **violation** [BP21]. **viral** [KPLH24]. **virginianus** [KS22]. **virtual** [HHFB23]. **virulence** [Hop23]. **virus** [BGC+23, KWG+22a]. **viscous** [DLY+22]. **visual**

[RBEH21, vWVH20]. **volatile** [Koo24b]. **vole** [VSK+20]. **Volterra** [NMGFOB21, SIOM24]. **voltinism** [CdCAC+20, PGdAM+20]. **Vorticity** [DZC+23b, DZC+23a]. **VPRM** [RSB+23]. **vs** [GHbS21, ML20, YL22, PA20]. **Vulnerability** [FS22, MTL+23]. **vulnificus** [DEMJ24]. **vulture** [PR21].

Waard [PRdN+20]. **walk** [ABB23, PDD+22]. **walks** [AP22, BMB24, HBC+22]. **Wanggu** [JASW23]. **Wanhe** [DZC+23a, DZC+23b]. **Want** [SACEU+21]. **war** [MKN23]. **Warm** [Des21, PA20]. **warming** [Che22, KPLH24, LhNA+21, MTL+23, TRMB20, ZFT20, ZZŠ+22, ZRMW+20, LhNA+22]. **warning** [WSFZ21]. **Was** [KHR23, PR23]. **Wasp** [CH22, BPW+21]. **waste** [CAS+24, NO24, ZA20]. **wastewater** [GM23]. **Wasting** [HCW+22, BGK+20, KS22, TBM+24]. **Water** [DLZ+20, ELS23, WXT+20, BZZT22, BP21, BAM23, BGC+24, CC23, nCLpW+23, CLW+24, DEMJ24, DCT+21, DMdR24, GGE+23, HLW+20, HLZ+22, HSJ+20, HLS+23, JMC+22, KHS+23, Lef23, LYC+21, LNK+21, MSL+21, MFPIBGES23, NMV+23, NWO21, PGSL+20, RSASP22, RFdL+24, RPARM20, SC21, TBZ+22, VRRI+24, WLQ+23, WPL+23, WWP20, YJC+24, ZSS21, ZZZD22, XZZ+22]. **Water-energy** [DLZ+20]. **water-land** [NMV+23]. **water-limited** [HLW+20, HLZ+22]. **waterbirds** [WWA+22]. **waterbodies** [RFCEL22]. **waters** [RJY+20]. **watershed** [BH21, GSA24, HAZEF23, HCPG20, JB22, LSS+21, MTZA23, PGP+22, ZZLF24, dPGDdFS24]. **wave** [SBWB24]. **wavelet** [CCH20]. **way** [DLT+22, WHdBB21]. **Ways** [Koo24a]. **Weak** [CKC20, ABZ22]. **weaken** [CLHZ22]. **web** [BAAN24, BNN20, CGRR+24, CVTS20a, CVTS20b, DS24, GHbS21, HML+22, KKH+24, MAD+20, MPPM23, NHGP23, OKS+21, SRK+20, ZBW+24, vdHNH+20]. **web-based** [CVTS20a, CVTS20b]. **webs** [JL23, MEPJ21, MJS24, NK23, WLLW20, WA20, vdHNH+20]. **weed** [ABC+22, CGVC21, MVC+22, PBF+23, PMP+21]. **weeds** [MVC+22]. **weight** [BPK+20]. **weighted** [CKC+24]. **weighting** [ZFP21]. **well** [GMS+23, HL23, HMC20, YPS+21]. **well-being** [GMS+23, HL23, YPS+21]. **well-mixed** [HMC20]. **wellbeing** [KCS22]. **west** [HMVR21, BGC+23, KWG+22a, PTG+20, SPB+24, SD24]. **western** [AM22, HH23, KT22, STRC24, TDI+20, ASL+20, BBCD23, LHH+24, PA20]. **wet** [BPK+20]. **Wetland** [MLD+23, EON23, OTR+21]. **wetlands** [AGP20, DBK20, LHJ+24]. **whale** [MCB+23, SWF21]. **wheat** [CDN+23, GAMN+23, GGS+22, HRW+24, Hop23, LPHO+20, PTF23, PK23]. **Which** [ENARM+23, RAB21]. **while** [DGVVP23, XCH+21, YA24]. **White** [HCW+22, BGK+20, dMFOM+20, KS22, TBM+24, VRW+21, KFJS20]. **White-Tailed** [HCW+22, BGK+20, KS22, TBM+24, VRW+21]. **whole** [DLT+22, NO23, PKO+21]. **whole-tree** [PKO+21]. **wide** [HKB+20, RBLS23]. **wider** [Gri20]. **wild** [DAG+21, GJC+20, KT22, LP22, LBN+22, MM21, RRFLV+22]. **wildcat** [CKK+24a, CKK+24c]. **wildcats** [CKC+24]. **wildfire** [AB21, ABH+20, SCG+23, YA24]. **wildflower** [CAFT22, CSCT23].

wildflower/crop [CSCT23]. **wildlife** [BGK+20, BLB24b, COPM23, CSMP21, MD23, PAS23]. **wildlife-livestock** [MD23]. **Williston** [LYZ+24]. **Wind** [HHI+22, AJG22a, AJG22b, CMFC23, GCSlR22, JB22, WGK+21, WSW23]. **wind-borne** [WGK+21]. **Wind-Disturbed** [HHI+22]. **wind-driven** [CMFC23, WSW23]. **wins** [MKN23]. **winter** [BLLL21, EBS23, GGS+22, KUK+21, SMS+24]. **winter-run** [BLLL21]. **within** [BKTM20, CDNN+20, FFM+23, HGBK23, KDH+21, MK21, PHK23]. **within-canopy** [MK21]. **within-field** [HGBK23]. **within-patch** [CDNN+20]. **WOFOST** [SWHZ22, WSHZ24]. **wolf** [BGS+20, KRM+22]. **wolves** [CDC+22, HKG+24]. **wood** [MRR+20, MLV24]. **woodland** [WHW+23, SDD+20]. **woody** [dAPdBMT23, YCK20]. **working** [SGLK20]. **workshop** [PKB+23]. **world** [GCMU23, PAS+22, vOVvdW23]. **worldwide** [CAK+24]. **Wrangel** [CLW23]. **Wuhan** [WWC+22, ZZQ23].

X [ZL24]. **X-ray** [ZL24]. **Xiamen** [LZL23]. **Xinjiang** [CWY+24, WFW+24]. **Xylella** [BCMV20, GSC+23].

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[CLPZ20] Lifan Chen, Xiang Liu, Zechen Peng, and Shurong Zhou. Species distribution patterns and the scale of host interactions quantitatively but not qualitatively affect the diversity–disease relationship. *Ecological Modelling*, 435(??):??, November 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303380`.

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[CNSK21] Kunzang Choden, Craig R. Nitschke, Stephen B. Stewart, and Rodney J. Keenan. The potential impacts of climate change on the distribution of key tree species and Cordyceps in Bhutan: Implications for ecological functions and rural livelihoods. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021002106.

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[Cor20] Gianpaolo Coro. A global-scale ecological niche model to predict SARS-CoV-2 coronavirus infection rate. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302581`. See comment [CYP+20].

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[CRZ+23] Spencer Catron, Sarah Roth, Francesca Zumpano, Jason Bintz, James A. Fordyce, Suzanne Lenhart, Debra L. Miller, and Jeanette Wyneken. Modeling the impacts of temperature during nesting seasons on loggerhead (*Caretta caretta*) sea turtle populations in South Florida. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000911`.

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[CSBS21] Bogdan Caradima, Andreas Scheidegger, Jakob Brodersen, and Nele Schuwirth. Bridging mechanistic conceptual models and statistical species distribution models of riverine fish.

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[CTL22] Renfei Chen, Chengyi Tu, and Quan-Xing Liu. Transient perturbations reveal distinct strategies for reserve benefits in life history-dependent ecosystems. *Ecological Modelling*, 466(??): ??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000229`.

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[CVTS20a] Carrie M. Chennault, Robert M. Valek, John C. Tyndall, and Lisa A. Schulte. Corrigendum to PEWI: an interactive web-based ecosystem service model for a broad public audience: Ecological Modelling 2020 **431**: 109165. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302660`. See [CVTS20b].

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[CWF+21] Mingli Chen, Zijian Wu, Xinxi Fu, Linnan Ouyang, and Xiaofu Wu. Thermodynamic analysis of an ecologically restored plant community:number of species. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001940`.

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[CWY+24] Yimeng Cai, Jiaxin Wu, Tudi Yimiti, Zhouyuan Li, Xiuchun Yang, and Shikui Dong. The landscape altered the interaction between vegetation and climate in the desert oasis of Hotan River Basin, Xinjiang, China. *Ecological Modelling*, 491(??):??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000759`.

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[CXZ+23] Yufeng Chen, Liyan Xu, Xiao Zhang, Zilin Wang, Hailong Li, Yansheng Yang, Hong You, and Dihua Li. Socio-econ-ecosystem multipurpose simulator (SEEMS): an easy-to-apply agent-based model for simulating small-scale coupled human and nature systems in biological conservation hotspots. *Ecological Modelling*, 476(??):??, February 2023. CODEN ECMODT. ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003301`.

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[CYP+20] Andrea Contina, Scott W. Yanco, Allison K. Pierce, Michelle DePrenger-Levin, Michael B. Wunder, Andreas M. Neophytou, C. Phoebe Lostroh, Richard J. Telford, Blas M. Benito, Joseph Chipperfield, Robert B. O'Hara, and Colin J. Carlson. Comment on "A global-scale ecological niche model to predict SARS-CoV-2 coronavirus infection rate", author Coro.

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[DAG+21] Kevin De Angeli, Eeman Abbasi, Alan Gan, Daniel J. Ingram, Xingli Giam, and Charlotte H. Chang. Modeling the impact of wild harvest on plant–disperser mutualisms: Plant and disperser co-harvest model. *Ecological Modelling*, 439(??):??, January 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303951`.

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[DAQ20] Eliza S. Deutsch, Ibrahim Alameddine, and Song S. Qian. Using structural equation modeling to better understand *Microcystis* biovolume dynamics in a Mediterranean hypereutrophic reservoir. *Ecological Modelling*, 435(??):??, November 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303525`.

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[DBDR22] Giulia Datola, Marta Bottero, Elena De Angelis, and Francesco Romagnoli. Operationalising resilience: a methodological framework for assessing urban resilience through System Dynamics Model. *Ecological Modelling*, 465(??):??, March 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003896`.

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[DBH+22] Jane E. Dentinger, Luca Börger, Mark D. Holton, Ruholla Jafari-Marandi, Durham A. Norman, Brian K. Smith, Seth F. Oppenheimer, Bronson K. Strickland, Rory P. Wilson, and Garrett M. Street. A probabilistic framework for behavioral identification from animal-borne accelerometers. *Ecological Modelling*, 464(??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003628`.

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[DBK20] Siddhant Dash, Smitom Swapna Borah, and Ajay S. Kalamdhad. Study of the limnology of wetlands through a one-dimensional model for assessing the eutrophication levels induced by various pollution sources. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019304156`.

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[DBN+22] Esther Gnilane Diouf, Thierry Brévault, Saliou Ndiaye, Emile Faye, Anaïs Chailleux, Paterne Diatta, and Cyril Piou. An agent-based model to simulate the boosted Sterile Insect Technique for fruit fly management. *Ecological Modelling*, 468(??):??, June 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000710`.

David:2022:TBC

[DBV+22] Hassan C. David, Reinaldo I. Barbosa, Alexander C. Vibrans, Luciano F. Watzlawick, Jonathan W. Trautenmuller, Rafaelo Balbinot, Sabina C. Ribeiro, Laércio A. G. Jacovine, Ana Paula D. Corte, Carlos R. Sanquetta, Alessandra Calegari da Silva, Joberto Veloso de Freitas, and David W. MacFarlane. The tropical biomass & carbon project — an application for forest biomass and carbon estimates. *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001752`.

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[DDG+21] Stephanie G. Diaz, Donald L. DeAngelis, Michael S. Gaines, Andrew Purdon, Michael A. Mole, and Rudi J. van Aarde. Development and validation of a spatially-explicit agent-based model for space utilization by African savanna elephants (*Loxodonta africana*) based on determinants of movement. *Ecological Modelling*, 447(??):??, May 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000703`.

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[DDH+22] Tomas Della Chiesa, Stephen J. Del Grosso, Melannie D. Hartman, William J. Parton, Laura Echarte, Laura Yahdjian, and Gervasio Piñeiro. A novel mechanism to simulate intercropping and relay cropping using the `DayCent` model. *Ecological Modelling*, 465(??):??, March 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021004075`.

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[DDL+20] Natalie A. Dowling, Catherine M. Dichmont, George M. Leigh, Sean Pascoe, Rachel J. Pears, Tom Roberts, Sian

Breen, Toni Cannard, Aaron Mamula, and Marc Mangel. Optimising harvest strategies over multiple objectives and stakeholder preferences. *Ecological Modelling*, 435(??):??, November 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303136`.

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[DEMJ24] Robert Daniels, Ava Ellett, Katherine McCombs, and John Jacobs. *Vibrio vulnificus* infections from water exposure in the Chesapeake Bay: Are they predictable? *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003241`.

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[dFT+20] Manfredo di Porcia e Brugnera, Rico Fischer, Franziska Taubert, Andreas Huth, and Hans Verbeeck. Lianas in silico, ecological insights from a model of structural parasitism. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302301`.

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[dGZHCA24] A. Lopez de Gamiz-Zearra, C. Hansen, X. Corrales, and E. Andonegi. Increasing the reliability of the Bay of Biscay Atlantis model: a sensitivity analysis to parameters perturbations using a Morris screening approach. *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003290`.

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[DHW+20] Chloé Dambrine, Martin Huret, Mathieu Woillez, Laure Pecquerie, François Allal, Arianna Servili, and Hélène de Pontual. Contribution of a bioenergetics model to investigate the growth and survival of European seabass in the Bay of Biscay–English Channel area. *Ecological Modelling*, 423(??):??, May 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002030079X`.

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[DIS23] Basam Dahy, Salem Issa, and Nazmi Saleous. Geo-spatial modelling of carbon stock assessment of date palm at different age stages: an integrated approach of fieldwork, remote sensing and GIS. *Ecological Modelling*, 481(??):??, July

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[GSR+23] Ya Gao, Chen Sun, Tiago B. Ramos, Zailin Huo, Guanhua Huang, and Xu Xu. Modeling nitrogen dynamics and biomass production in rice paddy fields of cold regions with the ORYZA-N model. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022002824`.

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[HCL+22] Wei Hong, Bingxue Chen, Yuntao Lu, Chuanqi Lu, and Shengping Liu. Using system equalization principle to study the effects of multiple factors to the development of bee colony. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001144`.

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[HCW+22] Brenda J. Hanley, Michelle Carstensen, Daniel P. Walsh, Sonja A. Christensen, Daniel J. Storm, James G. Booth, Joseph Guinness, Cara E. Them, Md Sohel Ahmed, and Krysten L. Schuler. Informing surveillance through the characterization of outbreak potential of chronic wasting disease in white-tailed deer. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001648`.

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[HES+20] Ryan F. Heneghan, Jason D. Everett, Patrick Sykes, Sonia D. Batten, Martin Edwards, Kunio Takahashi, Iain M. Suthers, Julia L. Blanchard, and Anthony J. Richardson. A functional size-spectrum model of the global marine ecosystem that resolves zooplankton composition. *Eco-*

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[HI22] Kohta Hayashi and Hayato Iijima. Density estimation of non-independent unmarked animals from camera traps. *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022002034.

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[HK23] Conchúr Hughes and Jonathan W. King. Habitat suitability modelling for an integrated multi-trophic aquaculture (IMTA) system along Europe's Atlantic coast. *Ecological Modelling*, 484(??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023001904.

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[HKSM23] Yoshiaki Hata, Tomo'omi Kumagai, Takanori Shimizu, and Yoshiyuki Miyazawa. Implications of seasonal changes in photosynthetic traits and leaf area index for canopy CO_2 and H_2O fluxes in a Japanese cedar (*Cryptomeria japonica* D. Don) plantation. *Ecological Modelling*, 477(??):??, March 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022003696.

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[HLB+20] Marion Haramboure, Pierrick Labbé, Thierry Baldet, David Damiens, Louis Clément Gouagna, Jérémy Bouyer, and Annelise Tran. Modelling the control of *Aedes albopictus* mosquitoes based on sterile males release techniques in a tropical environment. *Ecological Modelling*, 424(??):??, May 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300740`.

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[HLS+23] Yu Huang, Zenghui Li, Changyang Sun, Zhiwei Feng, Jingyao Li, Danyi Wei, Bin Wang, Shang Jiang, Keliang Chen, and Xiang Sun. Using the roughness height and Manning number in hydrodynamic model to estimate the impact of intensive oyster aquaculture by floating & fixed rafts on water exchange with an application in Qinzhou Bay, China. *Ecological Modelling*, 476(??):??, February 2023. CODEN ECMODT. ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003283`.

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[HLW+20] Zhi-Quan Han, Tong Liu, Tao Wang, Hua-Feng Liu, Xiao-Ran Hao, Yi-Neng Ouyang, Bo Zheng, and Bai-Lian Li. Quantification of water resource utilization efficiency as the main driver of plant diversity in the water-limited ecosystems. *Ecological Modelling*, 429(??):??, August 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300466`.

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[HMVR21] Faseela Hamza, Anju M., Vinu Valsala, and Smitha B. R. A bioenergetics model for seasonal growth of Indian oil sardine (*Sardinella longiceps*) in the Indian west coast. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002209`.

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[LCW+21] Zhenhai Liu, Bin Chen, Shaoqiang Wang, Qinyi Wang, Jinghua Chen, Weibo Shi, Xiaobo Wang, Yuanyuan Liu, Yongkai Tu, Mei Huang, Junbang Wang, Zhaosheng Wang, Hui Li, and Tongtong Zhu. The impacts of vegetation on the soil surface freezing-thawing processes at permafrost southern edge simulated by an improved process-based ecosystem model. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002222`.

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[LGA20] Sean M. Lucey, Sarah K. Gaichas, and Kerim Y. Aydin. Conducting reproducible ecosystem modeling using the open source mass balance model `Rpath`. *Ecological Modelling*, 427(??):??, July 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301290`.

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[LGFT+20] Sébastien Lambert, Emmanuelle Gilot-Fromont, Carole Toïgo, Pascal Marchand, Elodie Petit, Bruno Garin-Bastuji, Dominique Gauthier, Jean-Michel Gaillard, Sophie Rossi, and Anne Thébault. An individual-based model to assess the spatial and individual heterogeneity of *Brucella melitensis* transmission in Alpine ibex. *Ecological Modelling*, 425(??):??, June 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300818`.

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[LGL+24] Xin Liu, Ruiying Geng, Xin Lv, Xiaoke Hu, Thang Nam Do, and Meng Liu. From dynamics to sustainability: Modeling the shrimp (*Penaeus chinensis*) fishery in Shandong, China. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003307`.

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[LHJ+24] Moyang Liu, Serena H. Hamilton, Anthony J. Jakeman, Julien Lerat, Callum Savage, and Barry F. W. Croke. Assessing the contribution of hydrologic and climatic factors on vegetation condition changes in semi-arid wetlands: an analysis for the Narran Lakes. *Ecological Modelling*, 487(??):??, January 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002983`.

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[LHL22] Sen Liu, Boyang Han, and Weide Li. Self-healing time of population under dynamic disturbance. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001260`.

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[LhNA+21] Mahdieh Khalatbari Limaki, Majid Es hagh Nimvari, Seyed Jalil Alavi, Asadollah Mataji, and Farid Kazemnezhad. Potential elevation shift of oriental beech (*Fagus orientalis* L.) in Hyrcanian mixed forest ecoregion under future global warming. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001988`. See corrigendum [LhNA+22].

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[LK24b] Konstadia Lika and Sebastiaan A. L. M. Kooijman. The relationship between confidence intervals and distributions of estimators for parameters of deterministic models. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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[LLC+24] Romain Lavaud, Megan K. La Peyre, Brady Couvillion, Jennifer Beseres Pollack, Vincent Brown, Terence A. Palmer, and Barry Keim. Predicting restoration and aquaculture potential of eastern oysters through an eco-physiological mechanistic model. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003332`.

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[LMW+23a] Zekun Lin, Fanxin Meng, Dongfang Wang, Danqi Liao, Yutong Sun, Jiaqi Hou, Gengyuan Liu, Biagio Fernando Giannetti, Feni Agostinho, and Cecília M. V. B. Almeida. Unfolding carbon inequality across belt and road initiative countries and regions under a global trade network. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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Lucash:2023:BTF

[LMW+23b] Melissa S. Lucash, Adrienne M. Marshall, Shelby A. Weiss, John W. McNabb, Dmitry J. Nicolsky, Gerald N. Flerchinger, Timothy E. Link, Jason G. Vogel, Robert M. Scheller, Rose Z. Abramoff, and Vladimir E. Romanovsky. Burning trees in frozen soil: Simulating fire, vegetation, soil, and hydrology in the boreal forests of Alaska. *Ecological Modelling*, 481(??): ??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023000959.

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[LPD+20] Roxanne Suzette Lorilla, Konstantinos Poirazidis, Vassilis Detsis, Stamatis Kalogirou, and Christos Chalkias. Socio-ecological determinants of multiple ecosystem services on the Mediterranean landscapes of the Ionian Islands (Greece). *Ecological Modelling*, 422(??):??, April 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300661`.

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[ML20] Alexander A. Maslov and Dmitrii O. Logofet. Bilberry vs. cowberry in a Scots pine boreal forest: III. Another forest, another method, and similar conclusions. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020302647.

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[MLJ+23] Jenna S. McDanold, Rodman R. Linn, Alex K. Jonko, Adam L. Atchley, Scott L. Goodrick, J. Kevin Hiers, Chad M. Hoffman, E. Louise Loudermilk, Joseph J. OBrien, Russell A. Parsons, Carolyn H. Sieg, and Julia A. Oliveto. DUET — Distribution of Understory using Elliptical Transport: a mechanistic model of leaf litter and herbaceous spatial distribution based on tree canopy structure. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023001564.

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[MLP+20] Florence Mounier, Véronique Loizeau, Laure Pecquerie, Hilaire Drouineau, Pierre Labadie, Hélène Budzinski, and Jérémy Lobry. Dietary bioaccumulation of persistent organic pollutants in the common sole *Solea solea* in the context of global change. Part 2: Sensitivity of juvenile growth and contamination to toxicokinetic parameters uncertainty and environmental conditions variability in estuaries. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302623`.

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[MP23] Dan Men and Jinghu Pan. Ecological network identification and connectivity robustness evaluation in the Yellow River Basin under a multi-scenario simulation. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023001151.

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[MPA+24] Ermes Movedi, Livia Paleari, Giovanni Argenti, Fosco M. Vesely, Nicolina Staglianò, Silvia Parrini, and Roberto Confalonieri. The application of a plant community model to evaluate adaptation strategies for alleviating climate change impacts on grassland productivity, biodiversity and forage quality. *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023003265.

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[MPCG21] Thibault Moulin, Antoine Perasso, Pierluigi Calanca, and François Gillet. DynaGraM: a process-based model to simulate multi-species plant community dynamics in managed grasslands. *Ecological Modelling*, 439(??):??, January 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304129`.

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[MPSS24] Zahra Dehghan Manshadi, Parastoo Parivar, Ahad Sotoudeh, and Ali Morovati Sharifabadi. Modeling urban growth ef-

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[MRR+20] Thales G. V. Martins, Geraldo G. Reis, Maria G. F. Reis, Lucas A. A. Telles, Mayara R. Lage, Gleidson G. C. Mendes, Dayane L. Pinto, Nero L. M. Castro, Alexandre S. Lorenzon, Ricardo S. Silva, and Duberlí G. E. Gonzáles. Potential planting areas for native tree species in Minas Gerais State, Brazil, based on environmental variables and wood demand. *Ecological Modelling*, 432(??):??, September 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302817`.

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[MSL+21] Mohammad Madani, Rajesh Seth, Luis F. Leon, Reza Valipour, and Craig McCrimmon. Microbial modelling of Lake St. Clair: Impact of local tributaries on the shoreline water quality. *Ecological Modelling*, 458(??):??, October 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021002647.

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[MSLM+24] Antônio Ralph Medeiros-Sousa, Martin Lange, Luis Filipe Mucci, Mauro Toledo Marrelli, and Volker Grimm. Modelling the transmission and spread of yellow fever in forest landscapes with different spatial configurations. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024000176.

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[MTBB22] Isabelle Ménard, Evelyne Thiffault, Yan Boulanger, and Jean-François Boucher. Multi-model approach to integrate climate change impact on carbon sequestration potential

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[MTS+20] Gonçalo M. Marques, Carlos M. G. L. Teixeira, Tânia Sousa, Tiago G. Morais, Ricardo F. M. Teixeira, and Tiago Domingos. Minimizing direct greenhouse gas emissions in livestock production: the need for a metabolic theory. *Ecological Modelling*, 434(??):??, October 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002030329X`.

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[MTT22] Alseno K. Mosai, Bontle C. Tokwana, and Hlanganani Tutu. Computer simulation modelling of the simultaneous adsorption of Cd, Cu and Cr from aqueous solutions by agricultural clay soil: a PHREEQC geochemical modelling code coupled to parameter estimation (PEST) study. *Ecological Modelling*, 465(??):??, March 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (elec-

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[NBU+23] Erica A. Newman, Micah Brush, Kaito Umemura, Meng Xu, and John Harte. Defining an ecological equation of state: Response to Riera et al. 2023. *Ecological Modelling*, 486(??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002624`. See [RFHR23, RFHR24].

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[NGE+21] Ayana Neta, Roni Gafni, Hilit Elias, Nitsan Bar-Shmuel, Liora Shaltiel-Harpaz, Efrat Morin, and Shai Morin. Decision support for pest management: Using field data for optimizing temperature-dependent population dynamics models. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304658`.

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[NHGP23] Marcela C. Nascimento, Berengere Husson, Lilia Guillet, and Torstein Pedersen. Modelling the spatial shifts of functional groups in the Barents Sea using a climate-driven spatial food web model. *Ecological Modelling*, 481(??):??, July

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[NKT+20] K. Nakayama, K. Komai, K. Tada, H. C. Lin, H. Yajima, S. Yano, M. R. Hipsey, and J. W. Tsai. Modeling dissolved inorganic carbon considering submerged aquatic vegetation. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020302593.

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[NLMM23] Ayana Neta, Yoav Levi, Efrat Morin, and Shai Morin. Seasonal forecasting of pest population dynamics based on downscaled SEAS5 forecasts. *Ecological Modelling*, 480(??):??, June 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023000546.

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[NND+22] Kevin D. Newman, Jenny L. Nelson, Louise K. Durkin, Jemma K. Cripps, and Michael A. McCarthy. An analytical solution for optimising detections when accounting for site establishment costs. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002186`.

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[NPS+23] Gorazd Novak, Polona Pengal, Ana T. Silva, José M. Domínguez, Angelo Tafuni, Matjaž Četina, and Dušan Žagar. Interdisciplinary design of a fish ramp using migration routes analysis. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022002873`.

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[NSS+23] L. Nardella, A. Sebastiani, M. Stafoggia, P. P. Franzese, and F. Manes. Modelling PM_{10} removal in three Italian coastal metropolitan cities along a latitudinal gradient. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001540`.

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[NYH20] Anja Nölte, Rasoul Yousefpour, and Marc Hanewinkel. Changes in sessile oak (*Quercus petraea*) productivity under climate change by improved leaf phenology in the 3-PG model. *Ecological Modelling*, 438(??):??, December 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020303550`.

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[OCT+23] Maxime Olmos, Jie Cao, James T. Thorson, André E. Punt, Cole C. Monnahan, Baptiste Alglave, and Cody Szuwalski. A step towards the integration of spatial dynamics in population dynamics models: Eastern Bering Sea snow crab as a case study. *Ecological Modelling*, 485(??):??, November 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002144`.

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[OHP+23] Elizabeth K. Orning, Julie A. Heinrichs, David A. Pyke, Peter S. Coates, and Cameron L. Aldridge. Using state-and-transition simulation models to scope post-fire success in restoring greater sage-grouse habitat. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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[OKS+21] Stephen E. Osakpolor, Mira Kattwinkel, Jens Schirmel, Alexander Feckler, Alessandro Manfrin, and Ralf B. Schäfer. Mini-review of process-based food web models and their application in aquatic-terrestrial meta-ecosystems. *Ecological Modelling*, 458(??):??, October 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021002659.

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[PAB+22] Benjamin Planque, Johanna M. Aarflot, Lucie Buttay, JoLynn Carroll, Filippa Fransner, Cecilie Hansen, Bérengère Husson, Øystein Langangen, Ulf Lindstrøm, Torstein Pedersen, Raul Primicerio, Elliot Sivel, Morten D. Skogen, Evelyn Strombom, Leif Christian Stige, Øystein Varpe, and Nigel G. Yoccoz. A standard protocol for describing the evaluation of ecological models. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001685`.

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[PAdS+24] Antonio Gebson Pinheiro, Cleber Pereira Alves, Carlos André Alves de Souza, George do Nascimento Araújo Júnior, Alexandre Maniçoba da Rosa Ferraz Jardim, José Edson Florentino de Morais, Luciana Sandra Bastos de Souza, Daniela de Carvalho Lopes, Antonio José Steidle Neto, Abelardo Antonio de Assunção Montenegro, João Emanoel Ambrósio Gomes, and Thieres George Freire da Silva. Calibration and validation of the AquaCrop model for production arrangements of forage cactus and grass in a semi-arid environment. *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003368`.

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[PAS+22] Mayra Pimenta, André Felipe Alves de Andrade, Fernando Hiago Souza Fernandes, Mayra Pereira de Melo Amboni, Renata Silva Almeida, Ana Hermínia Simões de Bello Soares, Guth Berger Falcon, Daniel Santana Lorenzo Raíces, and Paulo De Marco Júnior. One size does not fit all: Priority areas for real world problems. *Ecological Modelling*, 470(??): ??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001247`.

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[PAS23] Kostas Papafitsoros, Lukáš Adam, and Gail Schofield. A social media-based framework for quantifying temporal changes to wildlife viewing intensity. *Ecological Modelling*, 476 (??):??, February 2023. CODEN ECMODT. ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003210`.

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[PBF+23] Gaio Cesare Pacini, Piero Bruschi, Lorenzo Ferretti, Margherita Santoni, Francesco Serafini, and Tommaso Gaifami. FunBies, a model for integrated assessment of functional biodiversity of weed communities in agro-ecosystem. *Ecological Modelling*, 486(??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002594`.

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[PBS21] Alejandra Zubiria Perez, Christopher Bone, and Gordon Stenhouse. Simulating multi-scale movement decision-making and learning in a large carnivore using agent-based modelling. *Ecological Modelling*, 452(??):??, July 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021001289.

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[PCK+22] Anupam Priyadarshi, Ram Chandra, Michio J. Kishi, S. Lan Smith, and Hidekatsu Yamazaki. Understanding plankton ecosystem dynamics under realistic micro-scale variability requires modeling at least three trophic levels. *Ecological Modelling*, 467(??):??, May 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S030438002200059X.

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[PCN+23] Qiang Peng, Long Chen, Karl J. Niklas, Weihao Yao, Meng Lian, and Peijian Shi. Comparison of three sigmoidal functions describing the leaf growth of *Camptotheca acuminata* Decne. *Ecological Modelling*, 486(??):??, December 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023002612.

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[PDD+22] Géraldine Pérez, Amaël Dupaix, Laurent Dagorn, Jean-Louis Deneubourg, Kim Holland, Sunil Beeharry, and Manuela Capello. Correlated Random Walk of tuna in arrays of Fish Aggregating Devices: a field-based model from passive acoustic tagging. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S030438002200117X.

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[PDGB21] Marie Perennes, Tim Diekötter, Jens Groß, and Benjamin Burkhard. A hierarchical framework for mapping pollination ecosystem service potential at the local scale. *Ecological Modelling*, 444(??):??, March 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000557`.

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[RFdL+24] Grazieli Rodigheri, Denise Cybis Fontana, Luana Becker da Luz, Genei Antonio Dalmago, Lucimara Wolfarth Schirmbeck, Juliano Schirmbeck, Jorge Alberto de Gouvêa, and

Gilberto Rocca da Cunha. TVDI-based water stress coefficient to estimate net primary productivity in soybean areas. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000255`.

Rius:2023:HFD

[RFF+23] Bianca Fazio Rius, João Paulo Darela Filho, Katrin Fleischer, Florian Hofhansl, Carolina Casagrande Blanco, Anja Rammig, Tomas Ferreira Domingues, and David Montenegro Lapola. Higher functional diversity improves modeling of Amazon forest carbon storage. *Ecological Modelling*, 481(??): ??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000510`.

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[RFHR23] Rodrigo Riera, Brian D. Fath, Ada M. Herrera, and Ricardo A. Rodríguez. Concerns regarding the proposal for an ecological equation of state: an assessment starting from the organic biophysics of ecosystems (OBEC). *Ecological Modelling*, 484(??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001916`. See response [NBU+23] and reply [RFHR24].

Riera:2024:SRI

[RFHR24] Rodrigo Riera, Brian D. Fath, Ada M. Herrera, and Ricardo A. Rodríguez. A strategic roadmap for interdisciplinary modeling in ecology: the result of reading *Defining an ecological equation of state: Response to Riera et al. 2023* (Newman et al., 2023). *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000449`. See [RFHR23, NBU+23].

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[RGB22] Trina Roy, Sinchan Ghosh, and Sabyasachi Bhattacharya. A new growth curve model portraying the stress response regulation of fish: Illustration through particle motion and real data. *Ecological Modelling*, 470(??):??, August 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022001120.

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[RGB+23] Baptiste Rouger, Isabelle Goldringer, Pierre Barbillon, Anne Miramon, Abdel Kader Naino Jika, and Mathieu Thomas. Sensitivity analysis of a crop metapopulation model. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL http://www.sciencedirect.com/science/article/pii/S0304380022002757.

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[RGD20] Andres F. Rodriguez, Stefan Gerber, and Samira H. Daroub. Modeling soil subsidence in a subtropical drained peatland. The case of the Everglades Agricultural Area. *Ecological Modelling*, 415(??):??, January 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380019303679.

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[RGD+22] Ian A. Richter, Henrique Corrêa Giacomini, Derrick Tupper De Kerckhove, Donald A. Jackson, and Nicholas Ed-

ward Jones. Correcting for size bias in electrofishing removal samples. *Ecological Modelling*, 467(??):??, May 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000527`.

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[RGRMRR20] Pablo T. Rodriguez-Gonzalez, Ramiro Rico-Martinez, and Vicente Rico-Ramirez. Effect of feedback loops on the sustainability and resilience of human-ecosystems. *Ecological Modelling*, 426(??):??, June 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020300909`.

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[RJY+20] Jeffrey S. Ren, Xianshi Jin, Tao Yang, Sebastiaan A. L. M. Kooijman, and Xiujuan Shan. A dynamic energy budget model for small yellow croaker *Larimichthys polyactis*: Parameterisation and application in its main geographic distribution waters. *Ecological Modelling*, 427(??):??, July 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002030123X`.

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[RK20] Edward B. Rastetter and Bonnie L. Kwiatkowski. An approach to modeling resource optimization for substitutable and interdependent resources. *Ecological Modelling*, 425(??):??, June 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301058`.

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[RKN+21] Hanane Rhomad, Karima Khalil, Ramiro Neves, Blaid Bougadir, and Khalid Elkalay. Modeling investigation of the nutrients and phytoplankton dynamics in the Moroccan Atlantic coast: a case study of Agadir coast. *Ecological Modelling*, 447(??):??, May 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000818`.

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[RLS+24] Matteo Rizzuto, Shawn J. Leroux, Oswald J. Schmitz, Eric Vander Wal, Yolanda F. Wiersma, and Travis R. Heckford. Animal-vectored nutrient flows across resource gradients influence the nature of local and meta-ecosystem functioning. *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003009`.

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[RM20] Michael S. Romanov and Vladimir B. Masterov. Low breeding performance of the Steller's sea eagle (*Haliaeetus pelagicus*) causes the populations to decline. *Ecological Modelling*, 420(??):??, March 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303850`.

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[RMA+24] Diego Rondon, Samu Mäntyniemi, Jouni Aspi, Laura Kvist, and Mikko J. Sillanpää. A Bayesian multi-state model with data augmentation for estimating population size and effect of inbreeding on survival. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print),

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[RMK21] Tomás A. Revilla, Thomas Marcou, and Vlastimil Křivan. Plant competition under simultaneous adaptation by herbivores and pollinators. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021001939.

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[RMO22] Selebalo Joseph Ramakhanna, Botle Esther Mapeshoane, and Christian Thine Omuto. Carbon sequestration potential in croplands in Lesotho. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022001624.

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[RMV+24] H. Raapoto, C. J. Monaco, S. Van Wynsberge, R. Le Gendre, and J. Le Luyer. Assessing regional connectivity patterns of bivalvia in fragmented archipelagos: Insights from biophysical modeling in French Polynesia. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380024000152.

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[RP22] Carlo Ricotta and Sandrine Pavoine. A new parametric measure of functional dissimilarity: Bridging the gap between the Bray–Curtis dissimilarity and the Euclidean distance. *Ecological Modelling*, 466(??):??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380022000084.

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[RPARM20] María Rocío Ruíz-Pérez, M. Desirée Alba-Rodríguez, and Madelyn Marrero. The water footprint of city naturalisation. Evaluation of the water balance of city gardens. *Ecological Modelling*, 424(??):??, May 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (elec-

tronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301034`.

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[RPB+23] Jorge A. Ramirez, Nadav Peleg, Andy J. Baird, Dylan M. Young, Paul J. Morris, Marie Larocque, and Michelle Garneau. Modelling peatland development in high-boreal Quebec, Canada, with `DigiBog_Boreal`. *Ecological Modelling*, 478(??): ??, April 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000261`.

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[RRCZ20] Jeffrey S. Ren, Norman L. C. Ragg, Vonda J. Cummings, and Jihong Zhang. Ocean acidification and dynamic energy budget models: Parameterisation and simulations for the greenlipped mussel. *Ecological Modelling*, 426(??):??, June 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301411`.

Ruiz-Rodriguez:2022:RWB

[RRFLV+22] Carmen Ruiz-Rodríguez, Javier Fernández-López, Joaquín Vicente, José A. Blanco-Aguiar, and Pelayo Acevedo. Revisiting wild boar spatial models based on hunting yields to assess their predictive performance on interpolation and extrap-

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Reichert:2023:MCC

[RRP+23] Tatiana Reichert, Anja Rammig, Phillip Papastefanou, Laynara F. Lugli, João P. Darela Filho, Konstantin Gregor, Lucia Fuchslueger, Carlos A. Quesada, and Katrin Fleischer. Modeling the carbon costs of plant phosphorus acquisition in Amazonian forests. *Ecological Modelling*, 485(??):??, November 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002211`.

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[RRSG21] Luca Rossini, Nicolás Bono Rosselló, Stefano Speranza, and Emanuele Garone. A general ODE-based model to describe the physiological age structure of ectotherms: Description and application to *Drosophila suzukii*. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002313`.

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[RS23] Alok Raj and Laxmi Kant Sharma. Spatial E-PSR modelling for ecological sensitivity assessment for arid rangeland resilience and management. *Ecological Modelling*, 478(??):??, April 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002300011X`.

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[RSASP22] Elham Rafiei-Sardooi, Ali Azareh, Sharif Joorabian Shooshtari, and Eric J. R. Parteli. Long-term assessment of land-use and climate change on water scarcity in an arid basin in Iran. *Ecological Modelling*, 467(??):??, May 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000576`.

Raju:2023:VHR

[RSB+23] Anjumol Raju, S. Sijikumar, Pramit Kumar Deb Burman, Vinu Valsala, Yogesh K. Tiwari, Sandipan Mukherjee, Priyanka Lohani, and Kireet Kumar. Very high-resolution Net Ecosystem Exchange over India using Vegetation Photosynthesis and Respiration Model (VPRM) simulations. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000686`.

Ricci:2021:MTR

[RSC+21] P. Ricci, L. Sion, F. Capezzuto, G. Cipriano, G. D'Onghia, S. Libralato, P. Maiorano, A. Tursi, and R. Carlucci. Modelling the trophic roles of the demersal Chondrichthyes in the Northern Ionian Sea (Central Mediterranean Sea). *Ecological Modelling*, 444(??):??, March 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000405`.

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[RSC+23] P. Ricci, N. Serpetti, D. Cascione, G. Cipriano, G. D'Onghia, D. De Padova, C. Fanizza, M. Ingrosso, and R. Carlucci. Investigating fishery and climate change effects on the conservation status of odontocetes in the Northern Ionian Sea (Central Mediterranean Sea). *Ecological Modelling*, 485(??):??, November 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002302`.

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[RSWS23] Emma Chollet Ramampiandra, Andreas Scheidegger, Jonas Wydler, and Nele Schuwirth. A comparison of machine learning and statistical species distribution models: Quantifying overfitting supports model interpretation. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000819`.

Rodrigues:2021:MST

[RTH+21] Vinícius Barros Rodrigues, Elio Tuci, Horst Holstein, Miriam S. Bowen, Diogo Andrade Costa, Lucy T. Takahashi, Paulo Fellipe Cristaldo, and Og DeSouza. Macro-symbiosis triggered by a defence-reproduction tradeoff in a social insect. *Ecological Modelling*, 462(??):??, December 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003276`.

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[RUTY23] Renu, Ranjit Kumar Upadhyay, S. P. Tiwari, and R. P. Yadav. Analysis of interval-valued model for interaction between plankton-fish population in marine ecosystem. *Ecological Modelling*, 484(??):??, October 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001795`.

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[RWF22] B. Veena Shankara Narayana Rao, J. R. Walton, and M. Fujiwara. A mathematical model to investigate the effects of fishing zone configurations and mass dependent rates on biomass yield: Application to brown shrimp in Gulf of Mexico. *Ecological Modelling*, 463(??):??, January 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003288`.

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[RWS+21] Robin E. Russell, Daniel P. Walsh, Michael D. Samuel, Martin D. Grunnill, and Tonie E. Rocke. Space matters: host spatial structure and the dynamics of plague transmission. *Ecological Modelling*, 443(??):??, March 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021000235`.

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[SACE+20] Alvaro Sierra-Altamiranda, Hadi Charkhgard, Mitchell Eaton, Julien Martin, Simeon Yurek, and Bradley J. Udell.

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Sillero:2021:WMS

[SACEU+21] Neftalí Sillero, Salvador Arenas-Castro, Urtzi Enriquez-Urzelai, Cândida Gomes Vale, Diana Sousa-Guedes, Fernando Martínez-Freiría, Raimundo Real, and A. Márcia Barbosa. Want to model a species niche? A step-by-step guideline on correlative ecological niche modelling. *Ecological Modelling*, 456(??):??, September 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002301`.

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[SAdA+22] Juliano Scarpelin, Feni Dalano Roosevelt Agostinho, Cecília Maria Villas Bôas de Almeida, Biagio Fernando Giannetti, and Lívia Cristina Pinto Dias. Valuation of losses and damages resulting from the Fundão's dam failure: an emergy perspective. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001612`.

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[Sak23] Tomoko Sakiyama. Spatial inconsistency of memorized positions produces different types of movements. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002300087X`.

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[SAL+22] Guzel Salimova, Alisa Ableeva, Tatiana Lubova, Aidar Sharafutdinov, and Irek Araslanbaev. Multidimensional modeling of the economy of forest management and reforestation. *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (elec-

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[SBF+21] A. Sebastiani, E. Buonocore, P. P. Franzese, A. Riccio, E. Chianese, L. Nardella, and F. Manes. Modeling air quality regulation by green infrastructure in a Mediterranean coastal urban area: the removal of PM_{10} in the Metropolitan City of Naples (Italy). *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304476`.

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[SBFBDM24] Imelda Somodi, Ákos Bede-Fazekas, Zoltán Botta-Dukát, and Zsolt Molnár. Confidence and consistency in discrimination: a new family of evaluation metrics for potential distribution models. *Ecological Modelling*, 491(??):??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000553`.

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[SBM+22] Hugo Tameirão Seixas, Nathaniel A. Brunsell, Elisabete Caria Moraes, Gabriel de Oliveira, and Guilherme Mataveli. Exploring the ecosystem resilience concept with land surface model scenarios. *Ecological Modelling*, 464(??):??, February 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021003616`.

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[SBR20] Christelle Suppo, Audrey Bras, and Christelle Robinet. A temperature- and photoperiod-driven model reveals complex

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[SBS+20] Saachi Sadchatheeswaran, George M. Branch, Lynne J. Shannon, Coleen L. Moloney, Marta Coll, and Tamara B. Robinson. Modelling changes in trophic and structural impacts of alien ecosystem engineers on a rocky-shore island. *Ecological Modelling*, 433(??):??, October 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302970`.

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[SBS+21] Saachi Sadchatheeswaran, George M. Branch, Lynne J. Shannon, Marta Coll, and Jeroen Steenbeek. A novel approach to explicitly model the spatiotemporal impacts of structural complexity created by alien ecosystem engineers in a marine benthic environment. *Ecological Modelling*, 459(??):??, November 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002830`.

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[SBWB24] Rebecca E. Stanley, Matthew V. Bilskie, C. Brock Woodson, and James E. Byers. A model for understanding the effects of flow conditions on oyster reef development and impacts to wave attenuation. *Ecological Modelling*, 489(??):??, March 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000164`.

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[SC21] L. M. V. Soares and M. C. Calijuri. Sensitivity and identifiability analyses of parameters for water quality modeling of subtropical reservoirs. *Ecological Modelling*, 458(??):??, October 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002100274X`.

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[SC23] Vivek Srivastava and Allan L. Carroll. Dynamic distribution modelling using a native invasive species, the mountain pine beetle. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001400`.

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[SCB+20] Nina Luisa Santostasi, Paolo Ciucci, Giovanni Bearzi, Silvia Bonizzoni, and Olivier Gimenez. Assessing the dynamics of hybridization through a matrix modelling approach. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020301927`.

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[SCG+23] Hiromitsu Sato, Emeline Chaste, Martin P. Girardin, Jed O. Kaplan, Christelle Hély, Jean-Noël Candau, and Stephen J.

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[SCH+21] Paramita Sinha, Robert C. Coville, Satoshi Hirabayashi, Brian Lim, Theodore A. Endreny, and David J. Nowak. Modeling lives saved from extreme heat by urban tree cover. *Ecological Modelling*, 449(??):??, June 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002100123X`.

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[SDD+20] R. Serrouya, M. Dickie, C. DeMars, M. J. Wittmann, and S. Boutin. Predicting the effects of restoring linear features on woodland caribou populations. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303990`.

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[SDH21] Matthias Speich, Carsten F. Dormann, and Florian Hartig. Sequential Monte-Carlo algorithms for Bayesian model calibration — a review and method comparison. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021001708`.

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[SDSP+21] A. Sturbois, M. De Cáceres, M. Sánchez-Pinillos, G. Schaal, O. Gauthier, P. Le Mao, A. Ponsero, and N. Desroy. Extending community trajectory analysis: New metrics and representation. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304646`.

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[SE20b] Christian Salas-Eljatib. Height growth–rate at a given height: a mathematical perspective for forest productivity. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302684`.

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[SG20] Ryan Scott and Robin Gras. A simulation study shows impacts of genetic diversity on establishment success of digital invaders in heterogeneous environments. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302441`.

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[SGA22] Phoebe Smith, Chris Guiver, and Ben Adams. Quantifying the per-capita contribution of all components of a migratory cycle: a modelling framework. *Ecological Modelling*, 471(??):??, September 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002200165X`.

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[SGH+23] Anglu Shen, Shufei Gao, Christopher M. Heggerud, Hao Wang, Zengling Ma, and Sanling Yuan. Fluctuation of growth and photosynthetic characteristics in *Prorocentrum shikokuense* under phosphorus limitation: Evidence from field and laboratory. *Ecological Modelling*, 479(??):??, May 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023000388`.

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[SGP+20] S. Savoca, G. Grifó, G. Panarello, M. Albano, S. Giacobbe, G. Capillo, N. Spanó, and G. Consolo. Modelling prey-predator interactions in Messina beachrock pools. *Ecological Modelling*, 434(??):??, October 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (elec-

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[SGRDA+24] Tatiana V. Stankova, Miguel Ángel González-Rodríguez, Ulises Diéguez-Aranda, Angel Ferezliev, Proletka Dimitrova, Kristiyan Kolev, and Penka Stefanova. Productivity-environment models for Scots pine plantations in Bulgaria: an interaction of anthropogenic origin peculiarities and climate change. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000437`.

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[SGTS21] Lisa K. Schneider, Nathalie Gypens, Tineke A. Troost, and Willem Stolte. Modeling mixoplankton along the biogeochemical gradient of the Southern North Sea. *Ecological Modelling*, 459(??):??, November 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002477`. See corrigendum [SGTS23].

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[SHT21] Julia S. Schmid, Andreas Huth, and Franziska Taubert. Influences of traits and processes on productivity and functional composition in grasslands: a modeling study. *Ecological Modelling*, 440(??):??, January 15, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020304592`.

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[SIOM24] Kengo Shinohara, Yuji Ito, Suguru Okunishi, and Hiroto Maeda. Elucidating the seasonal dominance replacement mechanism of harmful raphidophytes *Chattonella marina* and *Heterosigma akashiwo* using the Lotka–Volterra model. *Ecological Modelling*, 491(??):??, May 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (elec-

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[SJH+23] Vamsi Krishna Sridharan, Doug Jackson, Andrew M. Hein, Russell W. Perry, Adam C. Pope, Noble Hendrix, Eric M. Danner, and Steven T. Lindley. Simulating the migration dynamics of juvenile salmonids through rivers and estuaries using a hydrodynamically driven enhanced particle tracking model. *Ecological Modelling*, 482(??):??, August 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023001242`.

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[SKH+20] Lucas Streib, Mira Kattwinkel, Henriette Heer, Stefan Ruzika, and Ralf B. Schäfer. How does habitat connectivity influence the colonization success of a hemimetabolous aquatic insect? — a modeling approach. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438001930417X`.

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[SKW23] Alois Simon, Klaus Katzensteiner, and Gudrun Wallentin. The integration of hierarchical levels of scale in tree species distribution models of silver fir (*Abies alba* Mill.) and European beech (*Fagus sylvatica* L.) in mountain forests. *Ecological Modelling*, 485(??):??, November 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023002296`.

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[SLB20b] Chunqi Shen, Qian Liao, and Harvey A. Bootsma. Modelling the influence of invasive mussels on phosphorus cycling in Lake Michigan. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019304284`.

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[SLB+23] Daniel Spring, Thao P. Le, Samuel Adam Bloom, Jonathan M. Keith, and Tom Kompas. Reconstructing the dynamics of managed populations to estimate the impact of citizen surveillance. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003039`.

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[SLC+20] Jingyao Sun, Xinrong Li, Ning Chen, Yanli Wang, and Guang Song. Regular pattern formation regulates population dynamics: Logistic growth in cellular automata. *Ecological Modelling*, 418(??):??, February 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303862`.

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[SLC+23] Boris Sauterey, Guillaume Le Gland, Pedro Cermeño, Olivier Aumont, Marina Lévy, and Sergio M. Vallina. Phytoplankton adaptive resilience to climate change collapses in case of extreme events — a modeling study. *Ecological Modelling*, 483(??):??, September 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic).

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Sanchez-Lopez:2023:SEM

[SLHB+23] Nuria Sánchez-López, Andrew T. Hudak, Luigi Boschetti, Carlos A. Silva, Kevin Robertson, E. Louise Loudermilk, Benjamin C. Bright, Mac A. Callaham, and Melanie K. Taylor. A spatially explicit model of tree leaf litter accumulation in fire maintained longleaf pine forests of the southeastern US. *Ecological Modelling*, 481(??):??, July 2023. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380023000972.

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[SLY+21] Syed Mahboob Shah, Gengyuan Liu, Qing Yang, Marco Casazza, Feni Agostinho, and Biagio F. Giannetti. Sustainability assessment of agriculture production systems in Pakistan: a provincial-scale energy-based evaluation. *Ecological Modelling*, 455(??):??, September 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380021002143.

Sangare:2020:IEV

[SLYL+20] Nathanaël Sangare, Alain Lo-Yat, Gilles Le Moullac, Laure Pecquerie, Yoann Thomas, Sébastien Lefebvre, Romain Le Gendre, Benoît Beliaeff, and Serge Andréfouët. Impact of environmental variability on *Pinctada margaritifera* life-history traits: a full life cycle DEB modeling approach. *Ecological Modelling*, 423(??):??, May 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0304380020300788.

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[SM22a] Umi Syahirah Binti Umar Sharif and Mohd Hafiz Mohd. Combined influences of environmental enrichment and harvesting mediate rich dynamics in an intraguild predation fishery system. *Ecological Modelling*, 474(??):??, December 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022002411`.

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[SM22b] G. F. Sutton and G. D. Martin. Testing MaxEnt model performance in a novel geographic region using an intentionally introduced insect. *Ecological Modelling*, 473(??):??, November 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S030438002200240X`.

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[SMD+20] Guillaume Simioni, Guillaume Marie, Hendrik Davi, Nicolas Martin-St Paul, and Roland Huc. Natural forest dynamics have more influence than climate change on the net ecosystem production of a mixed Mediterranean forest. *Ecological Modelling*, 416(??):??, January 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019304296`.

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[SML+20] Yuanyuan Sun, Xianqiang Mao, Gengyuan Liu, Xinan Yin, and Yanwei Zhao. Modelling the effects of energy taxes on ecological footprint transfers in China's foreign trade. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302702`.

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[SMM+22] Muhammad Shaukat, Sher Muhammad, Ellen D. V. L. Maas, Tasneem Khaliq, and Ashfaq Ahmad. Predicting methane emissions from paddy rice soils under biochar and nitrogen addition using DNDC model. *Ecological Modelling*, 466(??): ??, April 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022000230`.

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[SMP20] Nicola J. Smith, Garry W. McDonald, and Murray G. Patterson. Biogeochemical cycling in the Anthropocene: Quantifying global environment–economy exchanges. *Ecological Modelling*, 418(??):??, February 15, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380019303242`.

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[SMS+24] Tim M. Szewczyk, Pippa J. Moore, Dan A. Smale, Thomas Adams, and Michael T. Burrows. Mechanistic simulations of kelp populations in a dynamic landscape of light, temperature, and winter storms. *Ecological Modelling*, 488(??):??, February 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380023003204`.

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[SMV+20] Jessica L. Stubbs, Nina Marn, Mathew A. Vanderklift, Sabrina Fossette, and Nicola J. Mitchell. Simulated growth and reproduction of green turtles (*Chelonia mydas*) under climate change and marine heatwave scenarios. *Ecological Modelling*, 431(??):??, September 1, 2020. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380020302568`.

Silva:2023:IPC

[SNM+23] Gabriela Cristina Costa Silva, Júlio César Lima Neves, Gustavo Eduardo Marcatti, Carlos Pedro Boechat Soares, Natalino Calegario, Carlos Alberto Araújo Júnior, Duberlí Geomar Elera Gonzáles, José Marinaldo Gleriani,

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[SNP+23] Ritika Srinet, Subrata Nandy, N. R. Patel, Hitendra Padalia, Taibanganba Watham, Sanjeev K. Singh, and Prakash Chauhan. Simulation of forest carbon fluxes by integrating remote sensing data into biome-BGC model. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022002836`.

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[SOP22] Peter Schippers, Wim A. Ozinga, and Rogier Pouwels. Factors affecting functional diversity of grassland vegetations. *Ecological Modelling*, 472(??):??, October 2022. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380022001831`.

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[SOV21] Yunyi Shen, Erik R. Olson, and Timothy R. Van Deelen. Spatially explicit modeling of community occupancy using Markov random field models with imperfect observation: Mesocarnivores in Apostle Islands National Lakeshore. *Ecological Modelling*, 459(??):??, November 1, 2021. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380021002660`.

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[SPB+24] Rebecca L. Scott, Nathan F. Putman, R. Taylor Beyea, Hallie C. Repeta, and Cameron H. Ainsworth. Modeling transport and feeding of juvenile Kemp's ridley sea turtles on the West Florida shelf. *Ecological Modelling*, 490(??):??, April 2024. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380024000474`.

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[WLQ+23] Chenchen Wang, Jing Li, Chunsheng Qiu, Lei Wang, Xiao Su, Panpan Huang, Na He, Liping Sun, Yaohui Bai, Chaocan Li, and Yufei Wang. Multimedia fates and ecological risk control strategies of phthalic acid esters in a lake recharged by reclaimed water using the QWASI fugacity model. *Ecological Modelling*, 475(??):??, January 2023. CODEN ???? ISSN ???? URL `http://www.sciencedirect.com/science/article/pii/S0304380022003209`.

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